

NEWS SUMMARY

GENERAL

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visit of Mr. Boris Yeltsin, head of the national Department of the Central Committee, to appear in the Commons today.

Margaret Thatcher, of the Conservative Opposition, has said that the visit of Yeltsin would be a major propaganda move for the Soviet Union.

Yeltsin is expected to be in the Commons today to discuss the new session of the House of Commons, which is expected to begin on Monday.

BUSINESS

Equities gain 5 in technical rally

● EQUITIES made their first substantial advance for eight sessions, as bear closing ahead of today's end of the Account pushed the FT 30-Share Index up 5.2 to 270.5.

● GILTS regained some ground as fears of a rise in MLR receded. Gains of up to 0.15 lifted the Government Securities Index 0.15 off its 21-month "low" to 56.03.

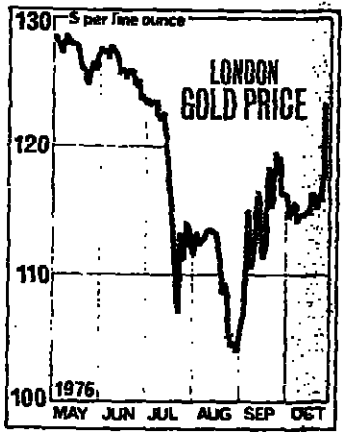
● GOLD rose \$51 to \$123 in active trading after the success of the IMF gold auction.

● STERLING finished 82 points lower at a record closing of 157.57, its weighted depreciation widened to a worst-ever 48.8 per cent. (48.1). The dollar was unchanged at 235 per cent.

● WALL STREET closed 3.49 down 552.63.

● U.S. TRADE DEFICIT last month was \$770m., except for August, the largest in 18 months (swollen by non-oil items) were the second biggest ever. Page 5.

● PRICES rose 1.1 per cent. during September in France—one of the worst rises this year. Page 4.



Government pressed to produce further economic package

BY RICHARD EVANS, LOBBY EDITOR

The pressures on the Government to take further action to strengthen the economy increased sharply yesterday with advice from different sections of the Labour Party and from Sir Geoffrey Howe, Shadow Chancellor of the Exchequer.

Most significantly, the 70-strong Manifesto Group of moderate Labour MPs, while offering total loyalty to Mr. James Callaghan and Mr. Denis Healey, Chancellor of the Exchequer, urged the Cabinet to introduce a radical programme of measures, including selective import controls, an import deposit scheme and a reduction in the public sector borrowing requirement by cuts in public spending or by increased indirect taxation.

The message of the group, whose views carry considerable influence within the Cabinet, was that the Government should produce a major one-and-for-all package to ensure success for its current strategy rather than persisting in introducing measures by dribs and drabs.

On a day when close associates of Mr. Callaghan were emphasising his continued determination to maintain a firm grip on Government policies following his bruising clash with Labour's national executive, a leading left-wing MP underlined the division in the Labour movement.

Mr. Brian Sedgmore, MP for Luton West and an economic spokesman for the Tribune group, pulled out the left's alternative strategy in Tribune.

And indicated that it would continue to be pressed hard despite the increasing strains on party unity.

Although no Cabinet decisions have been taken, Labour MPs are convinced a further package must be introduced once the negotiations with the IMF over the £350m. loan are completed.

The issue engaging the party, however, is the continuing atmosphere of deep anxiety and low morale, in which the inevitably unpleasant measures should strike.

The Manifesto Group, which seeks an early meeting with Mr. Healey, emphasises its unswerving support for the Government's economic strategy, but outlines a number of "inexpedient" measures if that strategy of reducing inflation and re-generating manufacturing industry is to succeed.

In a counter-offensive against the militant Left, the moderates insist that the Government would not massive support both in and outside the Labour Party for a series of harsh measures seeking to give priority to curbing inflation, preserve the Government's industrial strategy, and avoid a retreat into a "stag" economy.

Their package involves lowering the public-sector borrowing requirement either by further cuts in public spending, higher indirect taxation or by requiring a greater proportion of local government spending to be financed from the rates.

Of these options the majority would probably favour higher taxation, giving an increase in value-added tax to 10 per cent, and higher excise duties. But the group stresses that if the Chancellor chose a combination of all three it would support him.

There is a demand for selective import controls and for an import deposit scheme, but continued opposition in general controls on imports. The danger of the present situation, they argue, is that imports flood in while there is an expectation of action against unfair foreign competition.

Mr. Ian Wrigglesworth, the group's secretary, said its proposals would undoubtedly mean higher prices and further living standards cuts.

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Mr. Callaghan said the call for further public spending cuts would place an intolerable strain on the Government's social contract with the trade unions.

Continued on Back Page

Lending rate unlikely to rise

By Peter Riddell, Economics Correspondent

THE BANK of England's Minimum Lending Rate is unlikely to rise this afternoon following an easing of pressures in the money market yesterday.

Conditions were slightly less straitened in the foreign exchange market, with fewer rumours—though this is solely by comparison with the very hectic days earlier in the week.

The pound fell, for the fourth successive day, with a closing decline of 621 points to \$157, while the trade-weighted depreciation widened by 0.7 points to a worst-ever level of 48.8 per cent.

Gold was, however, strong, with a rise of \$31 to \$123 following what was seen by the market as a successful IMF gold auction on Wednesday.

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U.K. issues raised in U.S. poll

BY DAVID BELL

WASHINGTON, Oct. 28

PRESIDENT FORD to-day used the present state of Britain as an example of the disaster that might befall America if Mr. Jimmy Carter wins.

The Democratic candidate, meanwhile, found himself in the middle of a controversy about Northern Ireland.

Campaigning in Indiana, Mr. Ford cited Britain as an example of the evils of government "overspending." He said the pound had fallen to the lowest level in its history, and that "the course of the Prime Minister of that troubled nation has gone to the heart of the problem."

He quoted Mr. Callaghan as saying that increased government spending, far from ending the recession had led instead to greater unemployment and more inflation. "Democratic 'big spending' policies might have the same results in the U.S.," he said.

Mr. Carter came under fire from some quarters in Britain to-day for remarks he is reported to have made in Pittsburgh last night while talking to Irish-American leaders.

Reports that he was wearing an IRA "Get Britain Out" badge have been angrily denied by the Carter headquarters in Atlanta, and have not been confirmed by anyone present at the meeting.

At one point Mr. Carter said: "The Democratic Party understands the special problems in Ireland. It is a mistake for our Government to stand idle. I know how heartless you feel to see the bloodshed and disharmony in Ireland."

Later, Father Sean MacManus, another speaker, quoted what he said was a line from the Democratic Party manifesto. He claimed the party was committed to "encouraging a formation of a united Ireland," but this phrase is nowhere to be found in the document and Mr. Carter never made any reference to it. In Atlanta, a Carter spokesman said that the Democratic candidate "has never endorsed tactics or organisations which either implicitly or explicitly advocate violence as a solution to 'the problem'."

The manifesto also called down firmly against "violence and terror" and called for the UN and other international bodies to take a more active role, with the U.S. trying to find a solution to "the tragic problem."

It remains to be seen whether the sudden emergence of these two British issues may on the course of the election campaign. But an attempt to hold up Britain as an example of all the evils might befall the U.S. is the latest in a number of Republican attempts to wrest the economic issue away from Mr. Carter.

Mr. Ford's chief of staff, Mr. Richard Cheney, claimed today that the Republicans have now effectively beaten him in the election by breaking Carter in much of the South, but Mr. Ford is not expected to be in California to-day to greet him in the Mid-West.

But the election now appears to be so close that neither date can have any reliable about how things are going in the closing days.

The polls do not really support the victory claims of either in California, for instance, Ford is thought to be narrow ahead, but Mr. Ronald Reagan's refusal last night to paign for him may damage campaign there.

In Michigan, Mr. Ford's appears to be dwindling as fast as Mr. Carter's has in falling in Illinois. And in South, still the cornerstones of Mr. Carter's strategy, there are real signs of the kind breakthrough the Republicans claim.

Democrats fear Republican blitz, Page 5

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Democrats fear Republican blitz, Page 5

NEB may take on new restructuring role

BY ADRIAN HAMILTON

THE NATIONAL Enterprise Board is looking into the possibilities of taking a role in restructuring certain key industries, according to sources in the Board.

The role would be similar to that of the old Industrial Reorganisation Corporation.

Mr. Maurice Marks, who was brought to the NEB as planning director from Unilever this summer, is thought to have been given a special responsibility for investigating this approach, and Lord Ryder, NEB chairman, has already started informal discussions with company chairmen in a number of areas.

Initially the NEB is tending to concentrate on those sectors where it already has a presence, particularly industrial trucks, construction equipment—in which British Leyland's special products division has substantial interest—as well as office machinery and electronics.

The Board is also reported to be looking at areas, such as process plant and pumps and valves, in which it has no direct interest but in which it could play a catalytic role by bringing together companies and perhaps taking an equity interest in new groupings.

At this stage, its interest in a restructuring role is highly tentative. But consideration of moves in the industrial trucks sector, at least, may be pushed forward by Rubery Owen Conveyance, which is thought to have initiated discussions with the Department of Industry about its own future in this area.

The company, a subsidiary of Rubery Owen (Holdings) which announced a major internal reorganisation last month, is anxious about the future shape of the industry following the merger moves already made by Coventry Climax (Leyland) and Lancang Bagnall.

The NEB's interest in restructuring clearly takes it into an important and politically sensitive new role which could become a major part of its activities.

The move has been encouraged by the Department of Industry, which is anxious to see the Board take a more active part in developing the industrial strategy.

It also has the backing of a number of industries themselves, who urged just this need for restructuring in the sector working parties under the strategy.

Lord Ryder, on the other hand, is believed to be taking the development with a good deal of caution, both because of the criticism that it might arouse from companies and the Conservatives and because of the many practical pitfalls which the Industrial Reorganisation Corporation experience has shown up.

The Conservative Party has already threatened to abolish the Board if it takes too much power. There remains the lingering suspicion in industry that an

IRC-type role could mask a move by the NEB to take over profitable parts of British industry against their will.

The field of industrial trucks and construction equipment also raises delicate questions about the future development of British Coventry Climax (Leyland) and Lancang Bagnall.

While Mr. David Abell, managing director, is determined that it should expand, and has made several take-overs recently, he is anxious to avoid living off from Leyland or being used for restructuring purposes beyond the division's own commercial interests—a position which has so far been strongly backed by the NEB.

Despite pressure from the Government, therefore, Lord Ryder who is keen above all to see the NEB's ability to operate efficiently at a good profit is unwilling to be hurried. No decision on a positive move is likely to be taken before the December Board meeting of the NEB.

The financial issues raised by this IRC role have yet to be considered. The NEB has been firmly promised additional funds by the Government. But the amount of the allocation within the aid-to-industry budget will have to await completion of the White Paper on Public Expenditure in the New Year.

In the meantime, Lord Ryder has now begun a series of meetings with the process plant companies to discuss major consortium tendering for foreign contracts.

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Rhodesia talks open briefly

BY BRIDGET BLOOM, AFRICA CORRESPONDENT

GENEVA, Oct. 28.

THE BRITISH sponsored Rhodesia conference got off to a hesitant start here this afternoon. After a two-hour postponement, the first formal session lasted only half-an-hour and ended at 11.30.

The proceedings consisted of a 20-minute speech by Mr. Ian Richard, the conference chairman, who also read out a two-paragraph message from Mr. James Callaghan, wishing success for the conference as a major step towards the attainment of independence for Rhodesia.

Mr. Callaghan urged participants "not to let this opportunity slip" and assured them of the British Government's fullest support in their efforts.

Although no official reason beyond "technical problems" was given for the two-hour delay, it seems clear that it was a result of a protest against Britain's low-key role by two of the four African nationalist delegations.

Mr. Joshua Nkomo and Mr. Robert Mugabe, who have formed a "patriotic front," asked to see Mr. Richard just before the conference began.

before the conference was due to open at three o'clock, and protested for the third time that a Cabinet Minister should take the chair.

The protest, while not designed to break up the conference, according to sources in the "front," was intended to push Guerrillas have killed an elderly white couple on a farm in the Inyanga holiday resort area near the Mozambique border, Rhodesian security forces said yesterday.

The communiqué also reported the deaths of a white soldier and 19 guerrillas.

Britain into taking a more positive role and accepting fully its responsibilities as the "decolonising power" in Rhodesia.

Mr. Richard is understood to have replied that there was no question of a British Minister taking the chair since he had a full mandate from the Cabinet.

Whether these delaying tactics will continue remains to be seen, but the sombre faces of most of the 65 delegates as they entered the marble conference chamber

of the old League of Nations building seemed to indicate that this will be a highly complex and difficult meeting.

As delegates assembled, watched by the Press, the tense atmosphere was perhaps summed up by Bishop Muzorewa, who prominently displayed, in front of the two empty chairs alongside him the names of two black Rhodesians, one in jail in Rhodesia and the other believed captured by the Rhodesians and, according to nationalists, thought to be dead.

Mr. Richard's speech, in private session, appears to have been in tune with his evident attempt to avoid confrontation between the white Rhodesians and the nationalists.

He is understood to have said that this conference was different from all those so far held on Rhodesia because for the first time the Government there had accepted majority rule. The question was when and how it would come.

Tomorrow is apparently to be taken up by set speeches by five delegation leaders.

U.S. official may attend, Page 6

PRICE CHANGES YESTERDAY

a pence unless otherwise indicated	
RISKS:	
and	500 + 30
and	173 + 11
and	60 + 3
and	231 + 4
James	132 + 8
and	308 + 10
and	203 + 10
Sidley	346 + 10
and	311 + 31
Bank	160 + 5
and	146 + 6
W.I.	194 + 21
Hdg. & Inv.	122 + 7
and	164 + 5
and	82 + 10
and	202 + 6
Trust	67 + 5
BP	655 + 7
Century Oils	32 + 23
Shell Transport	302 + 2
Woodward-Burnham	120 + 10
Ramstein	57 + 20
Cons. Gold Fields	127 + 10
East Drieston	805 + 10
North Broken Hill	220 + 12
Pancontinental	1101 + 11
Peko-Wallend	530 + 10
Randfontein Estates	223 + 21
Vaal Reefs	1101 + 11
Western Mining	180 + 15
FALLS:	
Debuter Bros.	120 + 5
M.K. Refrigeration	49 + 5
Morrison (W.)	8 + 6
Nat. Carbonising	171 + 21
Photax (London)	23 + 5
Richardson's Westrith	24 + 21
Starrie Exg.	11 + 11
Union Discount	200 + 10

Fly the flag to Paris

08:00
10:00
12:00
14:00
16:00
18:00

This winter British Airways have new, easy to remember times from Heathrow to Charles de Gaulle Airport—every 2 hours every day, with many flights by TriStar. Return services every 2 hours, 0900 to 1900. Full details from your Travel Agent or British Airways shop.

British airways
We'll take more care of you.

Schedules applicable from 1st November.

by ANTHONY HICKS

MICHAEL COVENEY

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EUROPEAN NEWS

EEC meeting to discuss sterling rescue operation

BY GUY DE JONQUIERES

BRUSSELS, Oct. 28.

THE EUROPEAN Commission man officials have also made it plain that they consider that any measures to consolidate the sterling balance will have to involve the U.S. and Japan.

It is understood that the Commission next Wednesday, which will be presided over by Herr Wilhelm Haferkamp, the Commissioner responsible for economic and monetary affairs, will place Britain's and Italy's problems against the general background of increasing divergence between national economies of the Nine and its effects on Community co-operation. Among the questions which Herr Haferkamp is believed to be interested in exploring is to what extent a sterling rescue operation might be combined with longer-term plans, proposed by Mr. Willem Duijnberg, the Dutch Finance Minister, for limiting the fluctuation of EEC currencies within "target zones" and closer co-ordination of economic and monetary policies among the Nine.

Commission experts have been instructed to draw up working papers on these and other points over the next week, to be ready for the meeting of the 13 Commissioners on Wednesday.

In Brussels that of the Nine, Germany is the only country to hold a position to make a substantial contribution to aid the U.K. and triggered off by the most recent Italian, but that for political reasons it would be necessary to dress up any assistance as an EEC operation and not a German one. In recent days, Ger-

Meanwhile, additional measures by the European Community and member governments to cut unemployment levels and encourage investment in the face of an uncertain world economic outlook were called for to-day by Mr. David Bassett, general secretary of the General and Municipal Workers' Union.

Robin Reeves adds from Luxembourg: The ritual battle over the size of the European Community's budget was joined here last night when European Parliament MEPs voted to add 515m. units of account (€214m.) to the EEC's 1977 draft budget of 8,715m. units (€3,616m.), put forward by the Council of Ministers representing the member states. A further 100m. units should be made available to the EEC Regional Development Fund, another 90m. units for food aid, 50m. as aid for cold storage (part of the hoped-for development of a common energy policy), and provision for EEC aid for disaster victims of 300m. units (€120m.).

The biggest sum, however, is 200m. units (€80m.) to cover next year's annual EEC farm price review, which the Parliament feels the Council is being dishonest in leaving out. If the cash is not included in the 1978 budget, it will almost certainly have to be raised sometime next year by the device, which is politically embarrassing to the Brussels Commission, of a supplementary budget.

Russia sells gold again

The Soviet Union recently started selling gold again after having delivered an estimated 150 tons in the first half of this year and then abruptly withdrawing from the market. John Wicks reports from Zurich. This was stated by the Swiss Bank Corporation at Oetlingen, near Zurich.

The Bank, itself a leading gold trader, believes there is a real possibility that "much larger" sales may be made by the Soviet Union, particularly in view of its high indebtedness towards the West. More Russian gold may have to be absorbed by the end of the year.

Spain Lockheed link

A Spanish Air Force General and a Lockheed executive are alleged to be involved in a scandal over a Lockheed sale to Spain, according to a local newspaper. The scandal involves a Lockheed sale to Spain, according to a local newspaper. The scandal involves a Lockheed sale to Spain, according to a local newspaper.

Fish cancer

A fish disease spreading along Finland's south coast is ruling between 10 and 25 per cent of the fish caught, according to Finnish fishermen. Reuter reports from Helsinki. A Finnish fishery research spokesman said that diseased cod were also being examined for possible spread of the disease, known as sarcomatosis, a form of cancer.

Crosland visit

Mr. Anthony Crosland, the Foreign Secretary, is to pay an official visit to Yugoslavia from November 2 to 5, the Foreign Office announced yesterday. Our foreign staff reports. His talks will cover a wide range of international issues, including East-West relations, next year's review of the Conference on Security and Co-operation in Europe and Yugoslavia's links with the EEC.

French-Saudi talks

French Defence Minister, Yvon Bourges, leaves next Monday for Riyadh for talks with Saudi King Khalid and Defence leaders on speeding up a huge programme for building a French-aided arms industry in Egypt, Reuter reports from Paris. He also hopes to clinch new arms deals with Saudi Arabia.

Swedish governor

THE THREE non-Socialist parties forming the new Swedish Government have agreed to nominate Mr. Nord-Lander, a lawyer by profession, as Governor of the Riksbank (central bank) in succession to Mr. Krister Wickman.

The Governor is appointed by the Riksbank Board of Trustees, and must himself be a trustee. They are politically independent of the parties' Parliamentary strength, so that Mr. Nord-Lander's appointment can be considered a foregone conclusion.

The non-Socialist Government would have preferred to keep Mr. Wickman, a Social Democrat, a position which would have been widely approved among Swedish bankers. Mr. Wickman, however, resigned when it became apparent that his own party would not renominate him to the Board of trustees, and Mr. Olof Eriksson, the Opposition leader, rejected Prime Minister Thorbjörn Fälldin's request for a change in the rules to enable the Government to appoint a non-trustee.

Hillery likely next president

BY BRENDON KEENON

DUBLIN, Oct. 28.

EVEN AS a motion of no confidence in the Irish Government, arising out of the resignation of President O'Dalaigh, was being debated in the Dail today, it became clear that the Fine Gael opposition party's EEC Commissioner Dr. Patrick Hillery.

Dr. Hillery's term of office expires shortly, but there had been earlier reports that he was unwilling to run for the presidency. However, Fianna Fail backbenchers are now convinced that he will accept a draft, which is expected to come from a parliamentary party meeting on Tuesday.

It also looks as if the Government will not risk putting forward a candidate of its own, and so Dr. Hillery seems assured of an unopposed election. During today's no confidence debate, the Prime Minister, Mr. Liam Cosgrave, indicated that the Minister for Defence, whose description of the President as "a thundering disgrace" sparked off the crisis, had offered to resign on two occasions.

Mr. Cosgrave, however, refused to accept the resignation offer. "I asked him to apologise to the President and said that I would mention his offer of resignation at the Government meeting," this disclosure will help to take the heat off the Minister, Mr. Donegan, but meant that Fianna Fail's wrath was directed at Mr. Cosgrave. The end result seems to be that, as well as the embarrassment of the affair, the Government will have swapped a lawyer president for a politician, Fianna Fail one.

There was also little cheer for the Government on the economic front, with talks with employers and unions appearing to be deadlocked. Ministers met farmers' representatives today to discuss possible ways of increasing the tax rate on farmers to take account of their growing income from the EEC. Meanwhile, the first meeting between employers and unions on a national pay agreement took place today. Even if an agreement is reached, it is likely to be much more inflationary than the Government's objectives.

Madrid police clash with striking transport workers

BY ROGER MATTHEWS

MADRID, Oct. 28.

RIOT POLICE and workers clashed violently in Madrid this morning as the city was disrupted by a strike of more than 5,000 bus drivers and conductors. At least 11 people were injured, two seriously, when police used rubber bullets and smoke bombs to break up a concentration of an estimated 750 drivers outside a municipal garage.

The authorities brought in drivers from the Government garage in an effort to get one or two bus lines moving, and the Army is standing by to intervene if the strike continues. Private companies have also been contracted to offer a coach service in some areas.

The decision to strike was taken in the early hours after workers managed to assemble in a church. They are demanding substantial wage increases and the payment of overdue bonuses. Police this afternoon surrounded a church in a working-class suburb, where about 1,000 bus drivers had taken refuge, and have arrested at least two strike leaders.

Iceland waits for EEC

BY JON H. MAGNUSSON

REYKJAVIK, Oct. 28.

THE ICELANDIC Government is willing to negotiate a reciprocal fishing agreement with the EEC, if and when the Community reaches a concerted agreement on a joint policy on a 200-mile fishing limit for the nine nations. Icelandic Ministers have been saying recently that the initial move must come from the Community in Brussels. A contact has already been made between the EEC Commission and the Government in Reykjavik, according to a Government official.

Iceland is also willing to talk to the British Government about the long-distance British trawler fleet off Iceland. If the EEC does not reach an agreement at The Hague meeting, but it will be difficult for Britain to obtain a separate agreement with Iceland after December 31.

It is known that the Government and the fishing industry would like to secure access to the fishing banks in the North Sea area, and inside the future 200-mile limits off Greenland.

Even if the Danish Government claims that the 200-mile limit off Greenland is not a part of the EEC's 200 miles, fishing rights in this area must be taken into the picture if Iceland enters into talks with the Community. Prime Minister Mr. Bir Hallgrímsson urged the Icelandic people in a policy speech to look at the long-term benefits from a possible reciprocal fishing agreement with the EEC. Recently, the Prime Minister has also been saying that Iceland must negotiate on a case-by-case basis the granting of fishing rights to other nations inside the 200-mile limit, and such rights would only be granted on a mutual basis.

The fisheries Minister, Mr. Matthías Þarnason, has said, "The British fleet must stop fishing when the Oslo agreement terminates on December 1, unless a fishing agreement has been made with the EEC." It is not our responsibility to offer such an agreement; the initiative must and should come from the British and the EEC.

Sharp rise in French prices

BY DAVID CURRY

PARIS, Oct. 28.

THE ANNOUNCEMENT of a 1.1 per cent. increase in prices in M. Raymond Barre and President September—one of the biggest denials of a price freeze, which has been reluctant to accept a compulsory price freeze, preferring initially to renew burst of inflation in to call for voluntary restraint in France. The Finance Ministry has hastened to re-affirm its intention to apply firmly the price freeze which is part of the anti-inflation programme announced on September 22.

Ironically, the Prime Minister, M. Raymond Barre and President September—one of the biggest denials of a price freeze, which has been reluctant to accept a compulsory price freeze, preferring initially to renew burst of inflation in to call for voluntary restraint in France. The Finance Ministry has hastened to re-affirm its intention to apply firmly the price freeze which is part of the anti-inflation programme announced on September 22.

Gaullists blunt Dassault probe

BY DAVID CURRY

PARIS, Oct. 28.

GAULLIST MEMBERS of the French National Assembly have managed to blunt an investigation into the financial affairs of the Dassault aircraft concern by insisting that the inquiry should embrace the whole aerospace sector.

The Socialist Opposition, furious at being denied an inquiry specifically into the affairs of Dassault, which has been accused of extensive tax fraud, finally voted against the proposal which was made in the National Assembly's legal commission. The Communists abstained.

The inquiry as now constituted will be conducted by 15 MPs over four months, and the findings will be kept secret—unless the National Assembly as a whole decides otherwise.

The Socialists commented acerbically today: "We fall to see how a commission with a mandate lasting only four months can conduct a serious investigation into such a wide area, labouring under the double constraint imposed by national defence and fiscal secrecy."

Meanwhile the idea of nationalisation of Dassault is gaining ground. The Defence Ministry has admitted that it has discussed the fate of Dassault with President Giscard d'Estaing. However, the Government has been careful to cast the talks in the light of a natural interest in the fate of a major defence contractor, whose head is well beyond the age of normal retirement, rather than in the mould of a punitive nationalisation such as that demanded by the Socialists and Communists.

THE VATICAN AND EASTERN EUROPE Political concession, pastoral gain

BY DOMINICK J. COYLE IN ROME

WHEN POPE PAUL last month surveyed the state of the Roman Catholic Church in the world on his 79th birthday, Vatican sources made it known publicly that he was saddened by a number of events in western countries—most notably, perhaps, the threatened schism being promoted by the traditionalist French bishop Marcel Lefebvre—but encouraged greatly by the advances which the Church was making in eastern Europe. It is obviously difficult to quantify these advances, but Vatican diplomacy is hard at work to ensure that it continues.

This diplomacy took concrete form with yesterday's news that the Vatican had agreed to the establishment of a separate Episcopal Conference for East Germany, thus extending some recognition to the German Democratic Republic, despite opposition to the move from the Catholic hierarchy in West Germany. The Vatican was careful of its decision was signalled to the Church authorities in East Germany on September 25. It was kept secret until after the West German federal elections earlier this month. The Catholic Church's official recognition of the existence of two German states might well have become an electoral issue which could only have helped the Christian Democrats.

But East Germany is not the only Soviet bloc country in which the Church is moving. The Polish Cardinal Wyszyński is in Rome for talks with the Pope and officials of the Vatican Secretariat of State at a time when it is understood negotiations are under way for a new concordat with Poland. Meanwhile, Archbishop Luigi Poggi, one of the Vatican's senior diplomats, left earlier this month for Bucharest in a preliminary move to improve relations with the Romanian Government.

These increasing contacts between the Holy See and a number of Eastern countries have their critics within the Church. In terms of Vatican

diplomacy, the contacts represent a major departure from the tough anti-Communist stand of Pope Pius XII. But between Pius and Paul there was what many (but by no means all) means all) Vatican hands refer to as a "change of attitude" expressed mission "to throw open the windows of the Church and let in some light." His legacy remains, even if it is being eroded gradually by the more conservative elements now in virtual control of the Vatican hierarchy.

The conservatives insist that they are not opposed to change. But to them it must be measured change and, in so far as it touches on state in Eastern Europe, it must change which brings with it a decided pro quo. Put crudely, the Vatican appears willing to make "political concessions" of the sort represented by the Church's effective recognition of East Germany, but it wants in exchange greater freedom for Catholics in the countries concerned. This is the sort of diplomacy at which the Vatican generally excels, even if it is often difficult to evaluate the results, since the detailed agreements involved are seldom published.

It is interesting to note that there is to be an East German Episcopal Conference as such by name, but rather a Berlin Bishops' Conference, and a formal Vatican statement emphasised that the existence of two parallel conferences did not interfere with questions not yet resolved between the two German states. It went on to express the hope that a "peaceful and satisfactory solution to the German question could be resolved in conformity with the provisions of the Helsinki conference.

The Vatican participated directly in the Helsinki discussions, although it is probably not generally known that it was the USSR which requested that the Holy See be represented. But for the moment anyway, this has not led to improved relations

between Moscow and the Vatican, although the Pope does visit Soviet Foreign Minister, Mr. Andrei Gromyko, when he visits Rome. On these occasions, the Pope repeats his concern about the treatment of religion in the USSR, but the Vatican is most anxious to get access to the Byzantine rite Catholic minority in the Soviet Union.

However, now the German package is out of the way, Vatican diplomacy is likely to concentrate on Poland and Romania, especially the former. Cardinal Wyszyński, having reached the age of 75, has submitted his letter of resignation to the Pope in conformity with new regulations, but his acceptance of the resignation has been delayed. The Polish primate was at serious loggerheads with the Secretariat of State over the nature of any new concordat with Poland.

The Vatican's advance diplomatic guard has already been to Warsaw, starting with the visit of February, 1974, by its top east European specialist, Archbishop Casaroli, and followed one year later by Archbishop Poggi, who delivered to Mr. Stefan Olszowski, the Foreign Minister, a letter from the Vatican Secretary of State. This named Poggi as head of the Holy See's delegation charged with permanent working contacts with the Polish Government. But Cardinal Wyszyński may be in less of a mood to compromise with Warsaw than would the Vatican.

The Cardinal has made his position clear in numerous public sermons throughout Poland, including one delivered on Gniezno Cathedral at the time Archbishop Poggi was visiting Warsaw. He wanted Christ to have his place within the Polish nation, the Church to have at least a public/legal character, its mission and its vocation to be recognised, and that it be free peacefully to evangelise the nation. Later, he was to refer to the Polish Government's insistence on the separation of

church and state, but added: "If the state were coherent in the matter of separation from the church, it would not interest itself in what the church teaches, says or does. We know by experience that the state takes a deep interest in all this."

Some Vatican diplomats believe that Wyszyński is adopting a Minsk-type resistance to change, that he fails to recognise that the Vatican needs continually to make political compromises in order to win pastoral concessions, so that Catholic roots may remain in the hope that ultimately regimes there may change. But Wyszyński is not without some telling arguments. The Polish church under his leadership seems to be making considerable headway, especially in producing new vocations to the priesthood at a time when numbers are falling in most Western countries. The number of seminarians in Poland last year was put unofficially at 4,400. In that same year, there were more than 600 ordinations to the priesthood, compared with 480 Polish ordinations in 1971. The church in Poland has managed better than in other east European countries to resist pressure from Government officials regarding the choice of bishops, and is now fairly common in eastern Europe for the Vatican to insist on its own choice for one of two dioceses, and then allow the Government to select the remainder from a short-list prepared in Rome.

The Cardinal would no doubt agree that the Catholic Church is doing well in Poland and, therefore, that any concessions of a political nature should be limited. He is clearly in a much stronger position than the church, say, in Romania, but the Vatican's up-to-date assessment of Poland must await the latest report from Archbishop Poggi.

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OVERSEAS NEWS

Israel warns on guerilla bases

BY L. DANIEL

ISRAEL WILL not permit a return to the status quo ante in southern Lebanon, in which Palestinian guerillas were free to set up bases near the Israeli border, official circles here warned this morning. They pointed out that this had been stressed in the past by Foreign Minister Yigal Allon and, more recently, by Defence Minister Shimon Peres yesterday. Its repetition today is significant in the light of reports that Palestinian guerillas are making their way from other parts of Lebanon to the South, which they can do only with the assistance or permission of the Syrian forces.

Such assistance or permission may be the price which Egypt, which has lately appeared as the protector of the Palestine Liberation Organisation, demanded from

Syria as part of the rapprochement between the two countries, which well-informed sources here believe preceded the Riyadh and Cairo conferences on the Lebanon. They consider the conference could have taken place if some measure of understanding had not been reached beforehand between Presidents Sadat and Assad.

This apparent re-forging of the Cairo-Damascus axis, which may eventually extend southwards to Amman, has given rise to serious misgivings in Jerusalem, though official circles are as yet unwilling to voice conclusions either regarding the overall situation in the Lebanon or the appointment of General Abdul Gamassy as the joint Egyptian-Syrian Chief of Staff. In fact there are currently two views in Jerusalem: one regards with

serious concern the statements made at the Cairo summit conference, including statements by leaders of countries hitherto considered moderate. These pronouncements, they point out, indicated that the sharp divergences of opinion between Syria and Egypt are being patched up under the banner of the joint enmity towards Israel.

Supporters of the second school of thought here query whether these statements go beyond demagoguery and efforts by one or the other country to appear as the leader of a united Arab world bent ultimately on war against Israel. This school also holds that the events in the Lebanon so far—despite the presence of Libyan, Iraqi and PLO forces in the south—indicate clearly the likely trend of events in the Lebanon. They also point

out that the resolutions at the Riyadh conference have not yet been implemented. Noting under-the-surface divisions within the Arab camp, they only have no major contingents of the proposed inter-Arab peace-keeping force arrived in the Lebanon as yet but there are also no signs so far of Syrian forces withdrawing from any of their positions.

But whatever interpretation is put on the confusing events of the past few days, Israel's attitude towards what is happening in Southern Lebanon and the possible emergence of a united Arab command, was summed up this morning by an official who said: "Israel will not pay the price for inter-Arab unity by permitting the quiet, which has characterised the Lebanon, to be shattered once more by guerilla action."

JERUSALEM, Oct. 28.

Schaufele to attend Rhodesia conference

By David Bell

WASHINGTON, Oct. 27. DR. HENRY KISSINGER, who is still anxious to keep the Rhodesian talks from becoming in any way an election issue, disclosed last night that he will send Mr. William Schaufele, Assistant Secretary for African Affairs, to Geneva but not until after next Tuesday's election.

Speaking at Hartford, Connecticut, Dr. Kissinger reiterated that he would go to Geneva himself "if the Geneva negotiations were to start," but he stood by an earlier statement that it would be "highly inappropriate" for him to go at the moment. The United States, he added, "will do what we are asked by the parties."

A spokesman for the U.S. is reported in Geneva by Mr. Frank Wisner, the head of the State Department's Southern Africa section, and the decision to send Mr. Schaufele is clearly intended to be a sign that the United States is prepared to get more closely involved in the negotiations as they continue.

The Secretary of State has good reasons, however, for wanting to keep the talks out of the full glare of the election. If President Ford wins, the American attitude to the talks will probably be unchanged, but if he loses, the State Department will have very quickly to adjust to whatever different ideas the Democrats may have.

Mr. Jimmy Carter's foreign policy transition team which has itself been keeping well out of the limelight, contains a number of African experts who have been following progress in Geneva closely. They are less optimistic than the State Department has been in public about the eventual success of the talks, although it seems certain that they will want them to continue and will wish them well.

If Mr. Carter does win the election, the talks will probably cast some doubt at the Geneva talks about U.S. attitudes at least for a few weeks, and it can be expected that the outgoing and incoming Administrations would work hard to minimise this problem for the Democrats do indeed win.

SA opponent of apartheid goes to jail

By Graham Hutton

ONE OF THE MOST outspoken white critics of the South African regime, Dr. Beyers Naude, head of the Christian Institute, today went to jail after refusing to pay a R50 (£35) fine for refusing to give evidence to the Schlesbusch Commission, set up to investigate various anti-apartheid bodies.

Dr. Naude's appeal against his sentence was rejected by the Supreme Court in Pretoria earlier this month. The former minister of the Dutch Reformed Church said today: "This is the only way to express my protest on principle. On the other hand I do not want to create the impression of disobeying an order of the court and, therefore, submit myself to the sentence."

His objections, he said, were the secretive nature of the commission proceedings, and that the commission was comprised of representatives who had already made known their critical attitude towards the Christian Institute.

UPI adds: Black students today called on residents of the African township of Soweto to observe a two-day general strike next week, and to boycott Christmas celebrations in mourning for the 382 persons killed in anti-Government riots.

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Australia hints uranium enrichment progress made

BY DAVID FISHLICK, SCIENCE EDITOR

A HIGH-PRIORITY research effort on the enrichment of uranium has brought Australia to the point where it is technically feasible to design a major pilot plant based on the gas centrifuge process, according to the annual report of the Australian Atomic Energy Commission.

In its first official confirmation that Australia is working on enrichment technology—an essential step in the refining of uranium into nuclear fuel for power reactors—the report discloses that it is not the largest single development programme by the commission.

It is a big pilot plant, using several thousand centrifuges, as an essential step in the construction of a commercial plant based on Australian technology to meet the potential market for enriched uranium in the mid-1980s.

Its economic analyses suggest, however, that centrifuges will be a sign that the United States is prepared to get more closely involved in the negotiations as they continue.

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THE AUSTRALIAN Government has been given the answer it wanted to hear from the Ranger inquiry on uranium. Long before it gained access to the December 1976 Liberal National Country Party coalition made it clear that it wanted to see Australia's large reserves of uranium exploited, the latter stages of the previous Labour Government also favoured development but was hampered by a strong element within the party opposed to mining of uranium. This opposition is reflected within the coalition movement. In fact, the coalition's only producer of uranium, at Maryborough in Queensland, cannot sell its product overseas at present because of union action.

Labour's answer was to see the Ranger inquiry and hope that it would clear up any uncertainties about the uranium. When the LNCPC (Liberal National Country Party Commission) was set up, the Prime Minister, Mr. Malcolm Fraser, said that political pressure was not to be allowed to influence the inquiry.

The environmental lobby mounted a strong case against the course of the inquiry, but effectively that last week-end there were confident Press reports that the inquiry would recommend a ban on uranium mining and execution of potential uranium producers, privately conceded they were very worried.

The report however rejected the case put forward by the environmentalists. It found that any case the additional report is expected by the end of the year. The commission has concluded that the Ranger project is a single design of gas centrifuge for the past 10 years, but has apparently explored a range of materials for the key component—the rotor—included aluminium alloys, titanium alloys, high-strength steel and carbon fibre reinforced resin. Australia has increased its estimate of reasonable assured uranium resources by nearly one-fifth since the commission's last report, to a total of 237,000 tonnes of uranium. The addition of this new reserve is due largely to a substantial increase in the reserves of the Jabiluka 2 deposit in Northern Territory.

But exploration for uranium was declined during the past year. The decision to increase the size of a technical basis for the industry is due largely to a substantial increase in the reserves of the Jabiluka 2 deposit in Northern Territory.

One of the two main objectives of the programme was to develop a technical basis for the industry. The decision to increase the size of a technical basis for the industry is due largely to a substantial increase in the reserves of the Jabiluka 2 deposit in Northern Territory.

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SYDNEY, Oct. 28.

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Egypt holds assembly elections

By Michael Tingay

CAIRO, Oct. 28. EGYPTIANS went to the polls today to elect 348 members of the People's Assembly from 173 constituencies. There was no election in two constituencies, in Sinai and in Upper Egypt where one candidate died.

Voting in what had the appearance of being a free election was thin in Cairo early in the day though the compulsory turn-out never functions fully in the big cities. Cairo and Alexandria, because voters are confident that the EEC will not vote not to be imposed.

More than 1,500 candidates, half from the three newly established political organisations of the Centre, Left and Right and more than 700 independents are standing. Important will be the collective showing of the right, left and independents who between them will represent the parliamentary opposition.

Strangely there have been no complaints about the effective disenfranchisement of more than 300,000 people in the armed forces out of a total electorate of between 8 and 10m.

Members of the police and judiciary had never voted, but following the 1975 elections earlier this year two soldiers who enrolled in one of the political organisations, voting by members of the armed forces was made "voluntary," effectively disenfranchising them. Egyptian women, who voted in 1958, have always voted on a voluntary basis.

Palestinians pull out of battlefronts in Lebanon

PALESTINIAN COMMANDOS

Lebanon's mountain battlefronts today.

The troop movements, down to southern areas above Lebanon's border with Israel, the People's Assembly from 173 constituencies. There was no election in two constituencies, in Sinai and in Upper Egypt where one candidate died.

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SIDON, Oct. 28.

The Arab-backed ceasefire went into its second week today, still generally holding in most of Lebanon. But radio stations on both sides reported that sporadic shelling and shooting in Beirut and its suburbs increased last night.

Reuters. Hassan Hilaji writes from Beirut: President Elias Sarkis, being in personal control of the Arab peacekeeping force, today began contacts here for the implementation of resolutions by the Arab summit conference in Cairo on Lebanon.

His immediate concern is the consolidation of the ceasefire. United Nations observers have withdrawn from an outpost on Lebanon's border with Israel, according to Beirut Press reports. Says Reuters: The independent daily Al-Ahwar said that the UN observers had left their observation post near Yaroun, South of Bint Jilil and returned to their local headquarters at the sea coast town of Naqoura.

and execution of a time-table for withdrawal of combatants from various Lebanese districts. Both the ceasefire and the time-table were first decided at the summit meeting in the Saudi capital, Riyadh, and then endorsed by the enlarged Cairo conference.

Implementation of the time-table for withdrawals is already under way. The Lebanese army has pulled out of their positions in the Lebanese mountains, the

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Japan minister warns European complaints may hurt growth

BY CHARLES SMITH

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Property law remains, says Mrs. Gandhi

By K. K. Sharma

NEW DELHI, Oct. 28.

INDIA'S Prime Minister, Mrs.

Indira Gandhi, has rejected the

suggestion that the right to own

property should be deleted from

the constitution. She said it was

easy to create misunderstanding

among those who owned a little

property, and the Government

was proceeding cautiously. It

was not to be pushed into a

position that made it difficult to

implement its programmes.

WORLD TRADE NEWS

Catherwood wants investment scheme to stimulate exports

BY LORNE EARLING

FREDERICK CATHERWOOD, chairman of the British Overseas Trade Board, yesterday led on the Government to a 50 per cent investment grant for industry in an effort to boost the country's exports.

If the Government is serious about industrial regeneration, we need the present self-grant system for investment to be abolished and replaced by a 50 per cent grant, he said.

He said that during 1960s, Britain had similar rates of investment, but grants were abolished and replaced by allowances, which only helped when profits were big enough.

The unions and the Confederation of British Industry were unrealistic when it came to finding the money for investment grants. "You then give the IMF a way out of the trade problem," he said.

"The TUC look to companies, but what company is going to borrow at 16 and 17 per cent? The CBI looks to higher prices, but that goes to higher taxes on goods which would also put up prices," he added.

But he said later that Britain could have an effective cut in interest rates by giving 50 per cent grants for proper industrial investment.

"We had an investment grants scheme from 1965 to 1970 and it was extremely good and produced a high rate of investment. It was abolished for political reasons in 1970 and investment fell almost at once."

Arguing for an outright grant rather than investment allowances, he pointed out that allowances were no value unless the project made profits and unless an industrialist was sure of the profit the allowance was really not an incentive.

Regarding international loans, he suggested that the Govern-

ment promise spending cuts of £3bn, with the assurance that perhaps £2bn be allocated to investment grants. "You then give the IMF a way out of the trade problem," he said.

● The distinctive contribution made by British consultants to the country's earnings from abroad goes "neither unrecognized nor forgotten by the Government," Mr. Edmund Dell, Secretary of State for Trade, said yesterday when speaking to the British Consultants Bureau in London. "The British Consultants Bureau alone represents nearly 200 firms either already actively involved in projects abroad, or seeking to win overseas contracts. And by the Bureau's own estimates, the foreign earnings of British consultants, engineers, architects, surveyors and the rest have risen from £25m. in 1965 to more than £200m. by last year," Mr. Dell said, adding that this "amounts to 14 per cent of our total invisible earnings for 1975." I believe an outstanding opportunity now exists for a further major growth in foreign earnings by British consultants.

Swedes may raise pulp stock loan

By William Duffice

STOCKHOLM, Oct. 28. SWEDISH pulp producers are discussing the possibility of taking up a joint loan of \$100-150m. on the Euromarket to help finance their heavy unsold stocks of market pulp.

The forum for the discussions is the Swedish Pulp and Paper Association, which would raise the loan through a Swedish bank consortium either in its own name or that of one of its subsidiary organizations.

The move is still only in the discussion stage, according to Mr. Erik Sundblad, the association's vice-chairman and managing director of Stora Kopparberg, but several mills apparently regard it as a better alternative than price reductions. And, whether the loan is arranged or not, most mills are expected to announce further production cuts shortly.

The increase in demand from foreign paper manufacturers, which had been expected to take shape this autumn, has simply not occurred.

Pulp stocks rose further during September and the Swedish mills are now understood to be holding 1,35m. tons of market pulp.

Of the market pulp in stock, some 1m. tonnes is regarded as being in excess of normal stocks. The Euromarket loan, it is calculated, would help finance about half this amount and thereby enable the mills to maintain the price front against the European consumer.

Mitsui links with Danes for Vietnamese cement plant deal

BY CHARLES SMITH, FAR EAST EDITOR

TOKYO, Oct. 28.

A CONSORTIUM formed by a member of Japan's Mitsui group and the Danish engineering company E. L. Smith has won the first major plant contract from Vietnam since the two halves of the country were unified in April.

The contract is for a \$19.57m. cement plant to be supplied to the Vietnamese Techno-Import Agency for installation between Hanoi and Haiphong. Construction, design and some specialised machinery is included in the Danish share of the contract, which is worth ¥9.3bn. The Japanese share is worth ¥10.2bn. and consists of standard machinery of the plant.

The Mitsui group member which will be executing the contract is Shinwa Busan, an affiliate of Mitsui and Co. (Japan's number two general trading company), which specialises in trade with Communist countries. A spokesman for Mitsui and Co. said this afternoon that there were "reasons" why Mitsui itself is not yet in a position to trade directly with Vietnam.

These apparently include the fact that Mitsui had a close relationship with non-Communist South Vietnam. However, the Mitsui group as a whole has been very active in promoting relations with the unified Communist Government of Vietnam in the past few months.

A mission from Mitsui Bank visited Hanoi in August to discuss the possible financing of relations between Vietnam and Japan. The mission also discussed the terms on which Vietnam might be able to raise

funds (eventually) in the Tokyo market and the denotation of Japanese-Vietnamese trade in yen instead of in D-marks.

A spokesman for Mitsui Bank said this afternoon that the mission gained the impression that Vietnam was "extremely interested" in developing relations with Japanese and Western banks.

Japanese trade with Vietnam has grown extremely fast since the beginning of 1976. Exports in the first eight months of the year totalled ¥35.8bn, against a combined total for the two Vietnamese months of 1976. A factor in boosting Japanese exports, has been Japanese Government grant aid of ¥13.5bn, which was extended as part of the agreement under which Vietnam allowed the opening of a Japanese embassy in Hanoi.

Up to the signature of to-day's financing problems.

contract ¥8.5bn. worth of this aid had been used for financing relief and commodity exports to Vietnam. The remaining ¥5bn. portion of the Japanese grant will go towards financing the cement plant. The Danish side of the contract is being financed by a Danish Kr.150m. Government soft loan and a Danish Kr.30m. grant. The balance of ¥5.2bn. on the cement plant contract will be paid in cash by Vietnam when the plant is delivered.

Neither Denmark nor Japan are currently extending commercial credit to Vietnam, which explains why the cement contract has been financed out of Government aid on both sides. A spokesman for F. L. Smith said yesterday that the cement contract was originally offered to his company but could not be handled by it alone because of the opening of a Japanese embassy in Hanoi.

Record colour TV exports

TOKYO, Oct. 28.

JAPAN'S COLOUR television exports in September reached a record 555,478 units, surpassing the previous record 530,681 units in July this year, the Electronic Industries Association of Japan said. The September total rose 31 per cent over August and 55 per cent above the same month of 1975.

The association attributed the record exports chiefly to increased shipments to cover Christmas demand in the U.S. and Europe.

It added that the U.S. in September rose 73 per cent to 337,500 units over a year earlier, while those to France, West Germany and Canada also expanded. Exports in the first nine months which stood at 3,65m. units, were almost double those in the same period last year. Industry sources said it is certain colour television export sales this year will reach 4.5m. sets.

Christmas demand in the U.S. and Europe.

Problems for Kursk steel plan

By Adrian Dick

BONN, Oct. 28.

DIFFERENCES between the Soviet Union and the five West German industrial companies building the plant, Kursk steel complex seem to have emerged over the organisation of the construction work.

The chairman of Salzgitter, the West German Government-owned group which is to build the pelletisation plant, said yesterday in Hannover that it was possible that there would not be a grand consortium co-ordinating the project, as the Soviet authorities apparently want, but that each of the five companies would act as a general contractor for the work falling within its sphere.

According to the Salzgitter chairman, Herr Hans Birnbaum, this was one of several possible models under discussion following agreement on the West German side that the Soviet plan of action was impracticable.

But Herr Birnbaum also implied that the West German partners themselves were not unanimous in their response to the Soviet Government's reported interest in expediting the pelletisation and direct reduction plants, for which detailed technical and commercial proposals have now been laid before Russian officials.

He would not comment on reports circulating in Germany that the total cost may reach as much as DM12bn, compared to the DM4.5bn. range discussed when the project was first raised three years ago.

Nigerian order for GEC unit

BY MARGARET HUGHES

EPHONE CABLES (TCL), a subsidiary, has won a £33m contract in Nigeria—its largest so far this year. The contract was placed by the Nigerian Ministry of Communications, is for the supply, installation and conversion of 1 telephone cable network in six towns situated in Northern Nigeria—Kano, Minna, Maiduguri, Jos, Bida and Zaria.

The total amount of work being undertaken by Ephone Cables in Nigeria to date last year it was awarded a contract by the Ministry of Communications for similar work in the Greater Lagos area. The British concern says it is particularly pleased with the deal since U.S. companies in the past dominated the market in Nigeria. Earlier this year another British company, C. gained a £20m. order from Nigerians for the supply and installation of telephone cable works in the mid-west (oil producing) region of the country.

The current contract requires to expand and modernise existing networks which will provide facilities for some 150,000 phone subscribers. It will be a complete turnkey project with having overall responsibility for the supply, installation and commissioning, together with all works associated with the works.

Work on the contract is expected to start early next year with completion scheduled within three years—some 100 engineers will be involved on the project. Negotiations on the sub-contracting work have yet to be completed. Nigeria is known to be anxious that as much as possible of this should be placed with local companies but, given a shortage of available expertise, it may well be that some of the work will eventually be subcontracted to British companies.

Telephone Cables is currently negotiating for further work in Nigeria. The Nigerian Government is rehabilitating the whole of its telephone system under the Third National Development Plan 1975-80. Initially the overall investment was put at some £250m, but in practice is expected to be much higher. The GEC subsidiary hopes to win the contract for one of the six zones, involving a total of 14 towns, in addition to telephone cable another scheme within the overall plan to be undertaken in northern Nigeria.

The TCL order is the second Nigerian contract to be awarded to a GEC company in as many weeks. GEC Switchgear won a £5m. order from the National Electric Power Authority of Nigeria to extend three existing substations at Benin, Kaduna and Jebba, the original equipment

More HK rail contracts

he Export Credits Guarantee Department has guaranteed an additional £40m. to the £80m. which Kleinwort Benson signed with the Hong Kong Mass Transit Railway Corporation. This additional £40m. has been available because of the success of British companies in winning electrical and mechanical contracts worth £97 million, as announced yesterday.

These include the major project contract worth £31m. won by Metro-Cammell of Birmingham for a £5.8m. contract for the new house Brake and Signal, a £6.5m. contract for GEC for the company has also been awarded work worth £32m. as a sub-contractor to GEC Hong Kong.

Vickers has been awarded work on a workshop, valued at £17m., while much of the remaining sum is taken up by currency and other provisions.

The finance for the credit was arranged by Kleinwort Benson acting on behalf of a consortium of London clearing and Scottish banks.

To qualify under the terms of the line of credit a contract must have a minimum value of £2m. and be placed by the end of December 1978.

● Soviet instruments deal

An order worth more than £1,000 has been won by P. N. Bendryshev told reporters from Cambridge to supply the east coast state of Trengganu, a contract which is the first single order ever awarded by the British concern assembly but he gave no further details.

he contract is for 20 Pycam series 404 mk. 11 cess chromatographs and 20 Pont (U.K.) type 560 micro processors, which will be used in four different petrochemical plants in Russia and be used for on-stream analysis to improve and optimise levels during processing.

● Skovitch in Malaysia

The Soviet Union plans to supply Moskvitch cars in Malaysia, Reuter reports. Soviet 1977.

German steel groups drop Rotterdam project

AMSTERDAM, Oct. 28. IJWAL, the joint Thyssen-Steel and Mannesmann unit, said it had dropped a plan to build a 300m. iron ore pellet plant in the Rotterdam harbour area, when there was pressure from the local Rhine Delta authorities not to extend investment licences under the (recently withdrawn) selective investment regulations scheme. However, the Economics Minister, Mr. Ruud Lubbers, intervened to grant the necessary permits.

Rotterdam has always been a difficult area as far as new industrial investments are concerned with extremely tight planning procedures take up record periods of time.

The Kruwal developments, which were due to be discussed in the Dutch Cabinet tomorrow, Crown or reversal of the decision, are taken very seriously by the Rotterdam business circles as the plans would be worried that this could seriously affect not to frighten off industrial investors in the current difficult economic period with unemployment at has been a controversial project exceeding 5 per cent.



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by the Electricity Supply Industry in its own buildings. They've tested some interesting new techniques in building design and energy use, the most successful of which are already being applied in both public and private sector buildings. There are facts, figures and case histories for the interested reader, plus a variety of booklets on integrated environmental design. All these are available from your Electricity Board. So why not get in touch with them? Their feet are firmly on the ground.

PLANELECTRIC

The Electric Council England and Wales

HOME NEWS

Mortgage curb forecast by Woolwich chairman

BY MICHAEL CASSELL, BUILDING CORRESPONDENT

A FORECAST that building society lending next year was likely to fall came yesterday from Sir Oliver Chesterton, chairman of the Woolwich Building Society.

In suggesting that societies would be doing "extremely well" to repeat this year's lending figure of £6bn, Sir Oliver was saying in public what most building society executives have privately been thinking for some weeks.

The Building Societies' Association says it hopes this year's figure can be repeated and even improved on during 1977, but few individual societies now believe this to be possible given the general interest rate situation.

The societies' own higher interest rates come into effect next week. Although it is hoped they will increase the inflow of funds, they are not expected to prove attractive enough to enable a continuation of the current monthly lending programme, running at more than £500m.

It should become clear within the next few weeks just how well placed societies will be. The chances of higher interest rates cannot be ruled out, although there is a substantial body of opinion which believes that, with the mortgage rate of 12.25 per cent, a cut-back in lending would seem more likely.

Some society executives believe that the ceiling for mort-

gage rate has virtually been reached and that to go further could cause serious financial problems for many thousands of existing borrowers. A drop in lending to between £4.5bn and £5bn may now have to be considered as the only alternative.

In making his forecast yesterday, Sir Oliver said he did not expect any reduction in the lending programme for 1977 to have a significant impact on the housing market, largely because the lower volume of mortgage funds could well coincide with a period of reduced demand.

Although there have not so far been any signs of a decline in mortgage demand as a result of the higher interest rates, a reduction in the number of people seeking loans would certainly make it easier for the

societies to contemplate a smaller lending programme.

The problem is that a decision to raise rates or cut lending will most likely have to be taken before the actual demand pattern for 1977 becomes clear.

Sir Oliver said that last year, the Woolwich—Britain's fifth largest society—lent £318m, against £292m in the previous 12 months. Inflation, however, meant that the actual number of house buyers involved fell from 38,000 to 37,000. The society's assets grew last year by 18 per cent, to £1.48bn.

Next week, the Woolwich is to introduce a new issue of its two-year term share which will pay of the higher interest rates, a reduction in the number of people seeking loans would certainly make it easier for the

More South-east offices

BY QUENTIN GUIRDHAM, PROPERTY CORRESPONDENT

A MARKED increase in development permits granted for offices slightly more tolerant attitude in the South East is shown in the figures released yesterday by the Department of the Environment.

The year ended last March. The gross floor area covered by permits was 15.45m, against 11.4m in the 1974-75 period. There were 319 separate permits, against 241.

The increase is in part explained by a rise in development plans from the very low level severe restrictions on speculative building.

More houses built in September than for 6 months

BY MICHAEL CASSELL, BUILDING CORRESPONDENT

THE NUMBER of homes completed during September reached the highest monthly total for six months, but the start rate on new houses remained disappointing.

It now looks as though the combined total of homes on which work will begin in the private and public sectors during 1976 will reach between 320,000 and 340,000, against 324,000 in 1975. The builders do not expect next year to show progress, and some projections put the annual start figure as low as 285,000.

Not only is the industry worried about the repercussions of public expenditure cuts on council housing activity, but it remains concerned about the prospects for mortgage finance during 1977.

Any shortage of home loans could further restrict the private housing market, and builders could therefore face a downturn in output in both sectors.

As far as the outlook for completions is concerned, the 1976 total for the two sectors taken together should reach between 310,000 and 320,000, against 313,000 in 1975. Next year completions should be at about the same level.

According to the latest provisional figures from the Department of the Environ-

ment, the total number of homes on which work began during the third quarter of this year fell by 1 per cent, compared with the preceding three months, although the rate of new building was 1 per cent up on the July-September period last year.

The number of homes completed in the latest quarterly period was estimated by the Department to have fallen by 2 per cent from the previous three months, and was 1 per cent down on last year's poor levels.

In the private housing sector a start was made on 15,500 homes during September itself, a significant increase of 2,400 over August. The total, however, only restored the level of output to the rate achieved earlier in the year.

Council housing starts last month fell back again, this time from 14,800 to 14,000, a fall of 5,500 from the level of June and July.

Completions last month rose substantially in both the private and public sectors, according to the Department. A total of 14,500 council homes were made ready for occupation in September, against only 11,700 the previous month. A further 14,000 new private homes came on to the market, compared with 11,600 in August.

Shell puts 3½p more on petrol

By Ray Daffer, Energy Correspondent

SHELL HAS set the tone of petrol prices, raising wholesale tariffs by 3½p per gallon from today. The increase will push pump prices well past the 80p per gallon mark, assuming the industry does not engage in more intensive price-cutting competition.

The 3½p increase should work itself through as a 4p to 4½p rise at the pump, once value-added tax and dealer margin adjustments are taken into consideration. It will take the standard price of Shell's four star petrol to between 80p and 83½p per gallon, depending on the location.

The increase is in line with that announced earlier this week by Continental Oil. It is known, however, that a number of companies have been waiting for a move by Shell or Esso—two of the industry's major suppliers—before deciding on the scale of their own increases.

Although petrol sales are about 5 per cent higher than a year ago, the market is still intensely competitive. Authorised price increases earlier this year were followed by a spate of cut price offers, many of which were accepted by the Price Commission.

Oil companies maintain that even the latest increases, which follow the fall in the value of sterling against the dollar, do not cover all the additional costs. It is likely that a further rise could be sought in a few months.

Too early to judge National Theatre—Arts Council chief

BY MICHAEL THOMPSON-NOEL

IT WAS still too early to discuss next year's funding of the National Theatre and its newly opened theatre complex on London's South Bank, Mr Roy Shaw, secretary general of the Arts Council, said yesterday.

The National has estimated that it will need £3m.

"It is too early to judge the National Theatre's work, operations and costs," said Mr Shaw, "but we are keeping a close eye on it."

He was speaking after the publication of the council's report and accounts for 1975-76, which show that last year the National received a total of £1.9m, out of the £2.1m made available to the national arts companies in England.

The Royal Opera and Royal Ballet companies, Covent Garden, received £3.4m; the English National Opera Company £1.4m, and the Royal Shakespeare Company £315,000.

In an introduction to the report, Lord Gibson, chairman of the Arts Council, says that over the last three years the council's resources had hardly grown in real terms.

"Our problem, therefore, has been to maintain intact what was successfully created before runaway inflation took hold, but to do so without denying all and sundry to new ideas and initiatives."

Lord Gibson, who is chairman of the Financial Times, said that there were two main elements in the council's policy.

One is to use our resources to help maintain and improve the practice of the traditional arts, and to make them not only more accessible to, but more approachable by, an increasing number of people.

The other is to support artists working experimentally, and to give encouragement to ways of involving new audiences in artistic experience."

The report shows that of a Seckville Street, London, W1.

total grant of £28.9m, from the Arts Council provided £2.3m, for the Southern Welsh Arts Councils respectively. Its general operating budget accounted for less than 5 per cent of the English budget and a proportion than in the past year.

In England, it considered specific applications from organisations and individuals for aid and made funds available to £150.

Lord Gibson said yesterday that he deplored the events at London's Institute of Contemporary Arts, which was a controversial exhibition, titled "It would be a mistake for the council to ignore the experimental and performative art and impractical and to make decisions in advance about individual artists' organisational programme."

Lord Gibson is not to be reappointed after his term expires next May.

The ICA exhibition was by Colin Transmissions, a performance piece, led by Genesis P. Orridge, his companion, Cosey Fanni Tutti.

The Council regularly viewed the performances of the organisations it funds, the annual review of the work was at present under Lord Gibson declined to meet to do so without denying all and sundry to new ideas and initiatives."

Transmissions received £10,000 from the Arts Council last year. It also received £975 over the last two years from the British Council to attend art festivals in Europe. All told, the Arts Council offered grants of £20,000 to 42 similar individuals or groups.

The Arts in Hand Trust, a charity working experimentally, received £1,000 (p and p), 50p to ways of involving new audiences in artistic experience."

The report shows that of a Seckville Street, London, W1.

Fidelity reinsurers want costs agreement

BY ERIC SHORT

THE FIVE reinsurance companies which are creditors of Fidelity Life Assurance are withholding their consent to the dismissal of the petition to wind up the company until agreement has been reached on the payment of their costs.

This objection was disclosed at yesterday's High Court hearing of the winding-up petition, which was brought by the Secretary for Trade in July, 1975.

The reinsurers have claims against Fidelity Life totalling £465,000 for arrears of premium and commission. Under the proposed rescue scheme for the company, the reinsurers have been offered 70 per cent of that amount by Fidelity Corporation, the parent of Fidelity Life, payable in two instalments: £165,000 on December 31, 1981, and £300,000 on December 31, 1982. The reinsurers have accepted that offer.

The only outstanding question, the Court was told, was the payment of costs. The reinsurance companies maintain that the usual position would be that Fidelity Life should be liable for the agreement would be paid by Fidelity Corporation.

The Corporation accepted this.

in principle, but said it was not possible to say how and when the Court was told, it was expected that the question of costs would be resolved soon.

The Court was told that the scheme of rescue had been agreed between the Policyholders' Protection Board and Fidelity Corporation. But it could not become effective until there was agreement between the reinsurers and the Corporation.

Meanwhile, the Court agreed to hear an application by the Corporation under Section 50 of the Insurance Companies Act, 1962, which would give the Corporation power to reduce the amount of the contracts of Fidelity Life. Another application was made asking the Judge to discontinue the petition and to approve the rescue scheme.

Assuming that the scheme was sanctioned, and the winding-up petition dismissed, the usual position would be that Fidelity Life should be liable for the agreement would be paid by Fidelity Corporation.

Sterling crisis 'has European dimensions'

BY KEVIN DONE, INDUSTRIAL STAFF

THE STERLING crisis is not purely a British issue, but a situation exists in EEC countries of European dimensions, M. Henri Simonet, vice-president of the European Commission, said in London yesterday.

If Britain was brought to the verge of bankruptcy causing political and social collapse, it would be a major crisis for Europe. No one could wish that international monetary institutions would impose a burden on Britain which she could not sustain, he said.

"I don't think that a stern deflationary policy would help in any way to cure Britain's economic problems. In erratic exchange markets, Europeans must help in every way they can, by not imposing conditions that the Government cannot deliver."

M. Simonet, who was in Britain to visit part of the British Steel Corporation's £200m development at Redcar, South Teesside, said he was struck by the total disconnection between the economic reality in Britain and the erratic exchange markets.

users are agreed that a purely British issue, but a situation exists in EEC countries of European dimensions, M. Henri Simonet, vice-president of the European Commission, said in London yesterday.

making and that measures be taken to cut output, mills to meet demand, stem the flood of cheap imports the community.

The next round of the EEC negotiations on the situation of Japanese exports to Western Europe will take place in Brussels on November 10. Japanese are taking a cold view of EEC allegations that they are causing trouble in the through excessive exports. The Japanese are taking a cold view of EEC allegations that they are causing trouble in the through excessive exports.

Expenditure

If the Government could show that it was able to control public expenditure and maintain the support of the trade unions, the economic basis existed to allow Britain to become a major industrial power again.

Mr. Simonet, the commissioner in charge of steel, has been meeting both sides of the industry and users to develop his blueprint for a more powerful and interventionist governing body. The plan envisages closer monitoring of investments, production agreements with individual companies, and indicative minimum prices to avoid cyclical crises in the industry.

Representatives of the EEC Group on Oral Contraception, the unions and the

Nurses 'should be able to prescribe Pill'

NURSES, midwives, health visitors and chemists should be able to prescribe the contraceptive pill provided they are suitably trained and certain safeguards are followed, a report issued yesterday urged.

The recommendation is one of the joint working group on oral contraceptives—a committee which includes doctors, nurses and pharmacists. Report of the Joint Working Group on Oral Contraception, the unions and the

5 GOLDS

Institute of British Carriage and Automobile Manufacturers 1976 Motor Show
Coachwork Competition Gold Medal Awards:
Section 1: Daimler Double Six Vanden Plas Saloon.
Section 3: Morris Marina 1.3 4-door Saloon.
Section 7: Jaguar XJ4.2 4-door Saloon.
Section 8: Triumph TR7 Sports. Section 9: Triumph Stag Sports.

5 SILVERS

Institute of British Carriage and Automobile Manufacturers 1976 Motor Show
Coachwork Competition Silver Medal Awards:
Section 3: Austin Allegro 1100 Saloon.
Section 5: Morris Marina 4-door Special Saloon.
Section 7: Rover 3500 (joint award).
Section 8: MGB Sports. Section 10: Austin Allegro 1500 Estate.

This is no time for false modesty.

Leyland Cars

The one car manufacturer we all have an interest in.

HOME NEWS

DR. WALLERSTEINER 'GRAVELY MISMANAGED' HARTLEY BAIRD

Chairman 'mesmerised' Board

BY TERRY WILKINSON, CITY STAFF

THE AFFAIRS of Hartley Baird were "gravely mismanaged" by Dr. Kurt Wallerstein, while he was chairman of the engineering company, and he "failed to act in the best interests of shareholders as a whole," Department of Trade Inspectors say in their second report on Hartley Baird published yesterday.

Dr. Wallerstein was "guilty of breaches of his fiduciary duty and his duty of skill and care as a director of the company, and both in circulars and at annual general meetings of the company was also in breach of his duty to give proper and adequate information to shareholders."

His co-directors were "negligent and failed to exercise due skill and care in the performance of their duties." By "allowing themselves to be misled by Dr. Wallerstein's dominant personality," they constantly accepted his assurances that his schemes and projects were sound, and were "fully ignorant of the overwhelming evidence to the contrary in going along with these schemes."

Circular cheque

The inspectors—Mr. John Hazan, QC, Mr. Thomas Harding, a chartered accountant, and Mr. Alistair Troup, a barrister—published their first report on Hartley Baird in February. That report was concerned with Section 172 of the Companies Act, 1948, which deals with control of companies.

In it they concluded that Dr. Wallerstein acquired the majority shareholding in HB in 1962 without paying the full purchase price, and without making any payment to the shareholders as a whole. It was done by means of a circular cheque transaction which took place in September that year. The controlling interest in Hartley Baird, formerly owned by Camp Bird, was transferred to the Rothschild Trust, a Lichtenstein company which, according to 'Hartley Baird's last annual report, is now thought to have been representing Dr. Wallerstein and his mother. In return Rothschild Trust was to pay off Camp Bird's debts to Hartley Baird.

Under the circular cheque transaction, the amounts due, £284,081, were immediately lent by HB and its subsidiaries to Investment Finance Trust, a Bahamas-registered company controlled by Dr. Wallerstein. The inspectors say that only a very small proportion of the debt was ever repaid.

Because of the way that Dr. Wallerstein gained control, they concluded in their first report that he had shown himself totally unfit to be a chairman or director of a public company.

In their second report on Hartley Baird, which is under section 164 of the Companies Act, on the affairs of the company, the inspectors criticise the delay between 1962, when Dr. Wallerstein acquired control, and the

Irresponsible

The inspectors are critical of the HB Board over its investment in Anglo-Canadian Cement, a Nigerian-registered company promoted by Dr. Wallerstein for manufacture and distribution of cement in West Africa, which they describe as "the most disastrous operation undertaken by HB during the chairmanship of Dr. Wallerstein."

They say the Board acted irresponsibly in guaranteeing payment by Anglo-Canadian to a supplier of 172,000 for purchase of machinery without inquiring into the Nigerian company's financial standing and before HB had acquired any interest in it. The inspectors consider that the purchase of a 51 per cent stake in Anglo-Canadian was unduly expedited in order to pay off Dr. Wallerstein's overdraft with the Lichtenstein Bank, having acquired this holding the Board failed to maintain proper control over the activities of Dr. Wallerstein, its chairman, and in consequence the HB directors failed to act in the best interests of shareholders. This led to a loss of £246,000 of the company's money in relation to Anglo-Canadian which went into liquidation in 1969.

As a result the inspectors conclude that "the directors of HB were negligent and failed to exercise due skill and care in the performance of their duties as directors. In consequence, the assets of the company were whittled away over the years."

Turning again to Dr. Wallerstein, the inspectors say that while he was chairman of HB the interests of the minority shareholders were totally disregarded. Dr. Wallerstein "treated HB as his personal property, with scant regard for his co-owners."

"The fact that Dr. Wallerstein was indifferent to HB's trading results and was clearly interested in the company only as a source of funds made it impossible for the minority shareholders to receive a fair treatment."

Hartley Baird Ltd. Investigation under section 164 of the Companies Act 1948. Report by J. R. B. Hazan, T. G. Harding, A. M. Troup. S.O., £2.25.

Moves on Clyde debts

By Ray Perman, Scottish Correspondent

CREDITORS of Upper Clyde Shipbuilders, which went into liquidation five years ago, agreed yesterday to appoint a representative of foreign companies still owed money to the committee of inspection.

At a meeting in Glasgow Mrs. Valerie Chinnery, consultant in Britain to Strømmen Staal, a Norwegian steel company which supplied components to UCL, said that creditors in Scandinavia and West Germany were still owed £3m. to £4m. Her own company was owed more than £100,000.

"The managing director of Strømmen Staal felt that if I could get on the committee of inspection I could also represent other foreign interests who, quite frankly, think it is taking a long time to get anything done."

Mrs. Chinnery told Mr. Robert Smith, the liquidator, that her company was one of those that continued to do business with Upper Clyde in the belief that the Government was behind it.

Mr. Smith said he would ask the Parliamentary Commissioner to investigate possible maladministration by the Government. He had written to the Secretary of State for Industry saying the Government had "the greatest moral duty"

Deep-mined coal production down nearly 7%

BY RAY DAFTER, ENERGY CORRESPONDENT

PRODUCTION from Britain's deep-mined coal fields fell by nearly 7 per cent in the first nine months of this year, according to the latest Government energy statistics.

The drop in output, from 84.6m. tons to 78.8m. tons, was partly offset by a 17.6 per cent increase in production in open-cast fields.

Total coal industry output, at 88.9m. tons, was still almost 4 per cent down on the corresponding period last year, however.

Distributed stocks of coal, mainly at power stations, rose by nearly 750,000 tons in September to a total of 23m. tons. Undermined stocks, at 10.5m., fell marginally during the month, but were still nearly 2.5m. tons greater than a year before.

Total home production of primary fuels in the three months to the end of June, measured in thermal terms, was more than 8 per cent higher than in the corresponding period of 1975. The chief part of the increase was attributable to North Sea oil, although nuclear and hydro-electricity also made a contribution.

Total gas sales in the three months were about 2.4 per cent higher than a year before.

In the three months, June to August, electricity demand was nearly 3 per cent higher than in the same months in 1975.

Pension of £10,000 for ex-chairman

A PENSION of £10,000 a year for life was given yesterday to a former company chairman whose business was bailed out by the Government.

He is Mr. Robert Potel, who was chairman of Drake and Scull before it changed its name from Drake and Cubitt and sold off the Cubitts construction business.

Mr. Potel, 60, will receive the pension as part of a settlement for ending the £100,000 consultancy he was granted last year when he stepped down as chairman.

Under the consultancy agreement, Mr. Potel received a salary of £17,000 a year—subject to indexation to take account of inflation and with part payment in Belgian francs—until October, 1977. After that the salary was to be reduced to £10,000 a year, subject to indexation until January, 1985.

Mr. Michael Abbott, Drake and Scull chairman, said yesterday that Mr. Potel had resigned from the Board as a non-executive director and would receive an ex-gratia payment of £5,000 in lieu of office.

Mr. Potel, who gave up the chairmanship in September for health reasons, is still one of the group's largest shareholders with more than 1.1m. shares.

The Government said that it was giving the company a cash injection in August to clear the way for the sale of Cubitts construction business to Tarmac. The company received £700,000 but the Government agreed to make available a further £1.75m.

More seek degrees in engineering

BY MICHAEL DIXON, EDUCATION CORRESPONDENT

SUBSTANTIAL INCREASES in applications for university engineering courses are shown by a survey of demand for student places in 1977, reported yesterday by the Universities Central Council on Admissions.

The date of the UCCA survey was October 15, three days before the Prime Minister called for greater emphasis on industry-related studies.

Although only a minority of candidates had applied by then, a 6.8 per cent increase over the previous year's total suggests university applicants will be up from 142,000 to 150,000 or more.

While civil, mechanical, electrical, and general engineering have so far gained increased numbers of applications, they have not also increased their share of the total demand. Subjects where the proportion of applicants has increased include education, veterinary studies, business management, accountancy, law, and combined languages.

Subjects which have attracted greater numbers, without any significant change in market share, include: medicine, industry, biology, chemistry, social studies combined with arts, and classics.

Stop sniping

A school careers master yesterday urged teachers and employers to stop berating one another and set about learning to talk together amicably.

Mr. Ray Heppell, president of the National Association of Careers and Guidance Teachers, said in Cardiff that "sniping" by employers did not help school careers staff who were already severely hampered by shortage of resources and time. Co-operation between teachers and employers was essential at all levels. There was a need to look beyond the present welter of piecemeal and fragmented expedients, and to plan the future careers with the aid of a national inquiry into the education training of the 16-18 age group.

Scottish executives narrow salary gap

BY OUR SCOTTISH CORRESPONDENT

SALARIES OF company executives in Scotland are now 4 per cent below the U.K. average compared with 11 per cent five years ago.

This is one of the main conclusions of a survey by Inbucon/C Survey Research, announced yesterday in Glasgow. The concluding difference was attributed to the average size of companies in Scotland being smaller than other parts of the U.K.

Managing directors in the survey earned an average of £9,366 a year, compared with £15,598 for those in between 1,000 and 3,000 employees. Other directors earned between £7,256 and £14,747.

Salaries for general managers were the same two categories ranged between £9,348 and £13,339, and company secretaries between £5,418 and £8,663.

The rise in gross managerial salaries in Scotland in the four years to July, 1976, was 63 per cent (53 per cent net). During the same period retail prices rose by 83 per cent and average earnings by 84 per cent.

The survey also shows that differentials between management grades were narrowing. Last year, managers one grade below managing director were earning 69 per cent of their superior's salary, whereas the figure is now 73 per cent.

U.K. salary survey, Page 19

New towns policy 'should be ended'

MOVING MASSES of people to new towns must be a thing of the past, Lord Sandford, president of the Council for Environmental Education, told an Institution of Civil Engineers meeting in London yesterday. The "crude and callous uprooting of whole communities" should not be tolerated.

Economic restraint, high energy costs and falling population were dominant factors affecting the future of Britain's cities. Further change must be more concerned with improving the character of what is already there.

Cost of packaging rose by 2.4% in September

FINANCIAL TIMES REPORTER

PACKAGING costs rose by 2.4 per cent in September, bringing the increase in the first nine months of this year to 9.04 per cent, the Eurofood-Siebert/Head Packaging Materials price index showed yesterday.

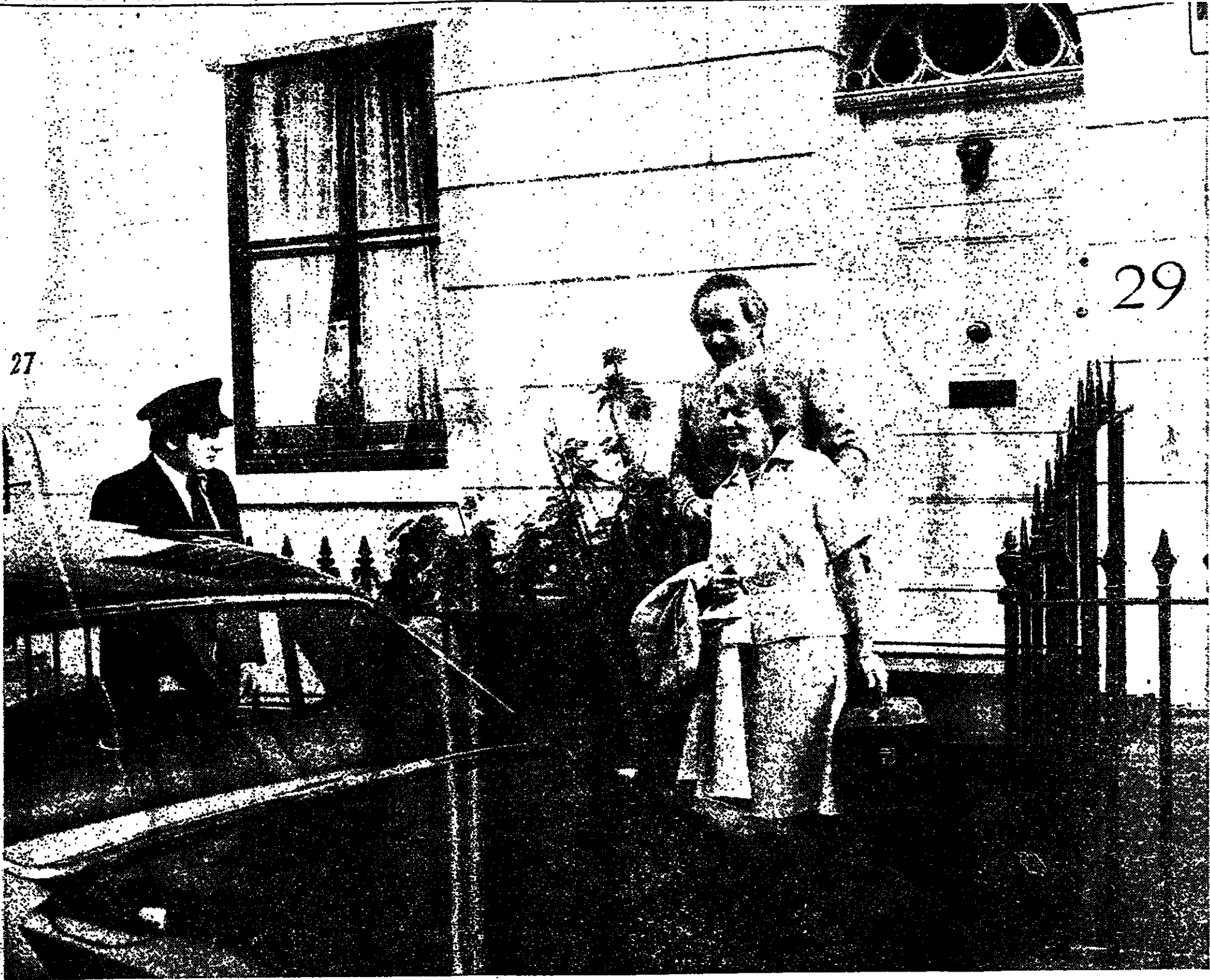
It was the biggest monthly rise in a year, reflecting steep rises in the cost of packaging materials made of paper, board, and glass. Corrugated packaging, for example, were 11 per cent dearer.

The biggest increases in the nine months of this year have been in materials made in plastic. Plastic bags, rappers and crates are now being manufactured at 14.72 per cent more than in January. The other plastic containers (bottles, jars, caps and closures) costing 11.87 per cent more. The paper and board category showing an increase of 9.81 per cent, on January, with much of the rise coming this month, while the cost of glass containers has risen by 8.74 per cent since the beginning of the year.

The most stable sector currently seems to be metals, which have been static since April, when prices rose to 7.16 per cent above their January level.

Bus and Tube subsidy attacked

EVERY ADDITIONAL journey "bought" for London Transport on its buses and underground by Greater London Council's subsidy programme over the past four years has "cost the public purse" an average of 60p. Movement for London, a road-users' pressure group, claimed yesterday.



QE2 World Cruise.

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From there you'll fly first class to New York, where a room will be booked for you in the Waldorf Astoria or a hotel of similar standing, giving you up to three days for theatre-going, shopping and sight-seeing in the city before the cruise starts. Then, on January 15th, another

chauffeur-driven limousine will call to whisk you off to the ship, waiting for you in New York harbour.

The cruise itself will visit all the places that dreams are made of: Florida, Rio, Acapulco, Cape Town, the Seychelles, India, Bali, Yokohama, Hong Kong — we have even negotiated a visit to the People's Republic of China — before returning to Southampton on April 12th.

As you'd expect the cuisine and entertainment on board will be unrivalled.

Fares start at £3,685, inclusive of limousine transfers, first class air fare to New York and hotel

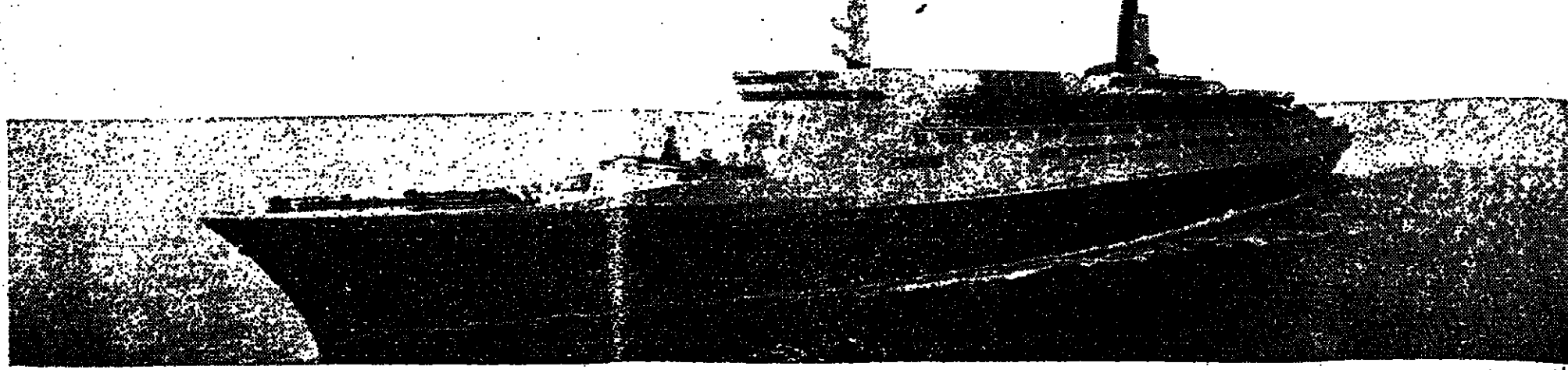
stay of up to 3 days. No doubt there will be plenty of questions you want to ask about this historic cruise before booking. So why not phone today for full details. Alternatively, write to the Marketing Director at the address below or contact your travel agent.

If you only plan to have one world cruise in your life, shouldn't this be the one?

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CONTRACTS AND TENDERS

THE LEISURE CENTRE
HINCKLEY

Offers are invited for the operation and management of this premier Leisure Centre which is due for completion in the spring of 1977.

Centrally situated and within easy reach of Coventry, Leicester, Nuneaton and the National Exhibition Centre, the Centre contains:

A Main Hall measuring 36.2m. x 32m., a Small Hall measuring 20.5m. x 16.5m., and 6 Squash Courts. Spectator accommodation for all three is provided by first floor galleries.

Water activities are catered for by:

A Main Pool measuring 25m. x 12.5m. depth 1.9m. - 2m.
A Learner Pool measuring 12.5m. x 7.5m. depth 1.5m. - 1.8m.
A Diving Pool measuring 12m. x 11m. depth 3.8m.

Also planned at first floor level are a Sauna, Suite, a Cafe Restaurant, two Licensed Bars, Club and Committee rooms, and the usual offices.

The Centre is topped out at second floor level with:

A Projectile Range measuring 29m. x 12m.
A Weight Training Room measuring 8.5m. x 4.75m.

It is intended that the use of the Centre shall be restricted to leisure activities and any proposals must include the retention of the main and learner pools. Only those forgoing all the envisaged features are open to discussion and negotiation.

For further details and permission to view please contact Mr. C. Evans, General Manager, Housing and Public Services, Council Offices, Argents Road, Hinckley, Leicestershire. Telephone 0455 38141 Ext. 228 before November 5th, 1976.

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We wish to get in touch with a major factory or dressmaker's establishment interested in making trousers and/or skirts for us on a hire work basis. We are presently interested in buying your trade-marked garments outright. We are a well established Danish factory for skirts, dresses and trousers interested in expanding sales through our effective sales organisation for Denmark, Norway and Sweden. In case you are well-established and have a large capacity and competitive prices, please write Box F469, Financial Times, 10, Cannon Street, EC4A 3DF.

LEGAL NOTICES

No. 003494 of 1976

In the HIGH COURT OF JUSTICE

Chancery Division Companies Court.

In the Matter of RAYMOND DESIGN & CONSTRUCTION LIMITED and in the Matter of The Companies Act, 1948.

NOTICE IS HEREBY GIVEN, that a Petition for the winding up of the above-named Company by the High Court of Justice was on the 20th day of October 1976, presented to the said Court by WILLIS & TOWERS WOOD, Chartered Accountants, 15, Abchurch Lane, London, EC4A 3DF, and that the said Petition is directed to be heard before the Court sitting at the Royal Courts of Justice, Strand, London WC2A 2LL, on the 22nd day of November 1976, and any creditor or contributory of the said Company desirous to support or oppose the making of an order on the said Petition may appear at the time of hearing, in person or by his counsel, for that purpose; and a copy of the Petition will be furnished by the undersigned to any creditor or contributory of the said Company requesting such copy on payment of the regulated charge for the same.

BRADY & WALLER,
23 Bird Court,
Fleet Street,
London EC4A 3DF.

Solicitors for the Petitioner.

NOTE.—Any person who intends to appear on the hearing of the said Petition must serve on or send by post to the undersigned notice in writing of his intention so to do. The notice must state the name and address of the person, or firm, or his or their solicitor (if any) and must be signed by the person or firm, or his or their solicitor (if any) and must be served, or if posted, must be sent by post in sufficient time to reach the above-named petitioner at least four o'clock in the afternoon of the 19th day of November 1976.

No. 003536 of 1976

In the HIGH COURT OF JUSTICE

Chancery Division Companies Court.

In the Matter of OSTRIO LIMITED and in the Matter of The Companies Act, 1948.

NOTICE IS HEREBY GIVEN, that a Petition for the winding up of the above-named Company by the High Court of Justice was on the 20th day of October 1976, presented to the said Court by MARLOW & CO. (BUILDERS' SUPPLIES) LIMITED, whose registered office is situated at Marlow, Bucks, and who are creditors of the said Company, and that the said Petition is directed to be heard before the Court sitting at the Royal Courts of Justice, Strand, London WC2A 2LL, on the 23rd day of November 1976, and any creditor or contributory of the said Company desirous to support or oppose the making of an order on the said Petition may appear at the time of hearing, in person or by his counsel, for that purpose; and a copy of the Petition will be furnished by the undersigned to any creditor or contributory of the said Company requesting such copy on payment of the regulated charge for the same.

COLLYER-BRISTOW & CO.,
4 Bedford Row,
London WC1R 1EP.

Solicitors for the Petitioner.

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No. 003536 of 1976

In the HIGH COURT OF JUSTICE

Chancery Division Companies Court.

In the Matter of OSTRIO LIMITED and in the Matter of The Companies Act, 1948.

NOTICE IS HEREBY GIVEN, that a Petition for the winding up of the above-named Company by the High Court of Justice was on the 20th day of October 1976, presented to the said Court by MARLOW & CO. (BUILDERS' SUPPLIES) LIMITED, whose registered office is situated at Marlow, Bucks, and who are creditors of the said Company, and that the said Petition is directed to be heard before the Court sitting at the Royal Courts of Justice, Strand, London WC2A 2LL, on the 23rd day of November 1976, and any creditor or contributory of the said Company desirous to support or oppose the making of an order on the said Petition may appear at the time of hearing, in person or by his counsel, for that purpose; and a copy of the Petition will be furnished by the undersigned to any creditor or contributory of the said Company requesting such copy on payment of the regulated charge for the same.

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COLLYER-BRISTOW & CO.,
4 Bedford Row,
London WC1R 1EP.

Solicitors for the Petitioner.

OFFSHORE OIL AND GAS REVIEW

Sorting out who
pays the piper
for Forties Field

AT LONG last British Petroleum, Shell and Esso have begun serious negotiations over the finalisation of the prolific Forties Field. Shell confirmed yesterday that one of the possibilities being considered was the appointment of a consultant who would decide how much of the field each company owned. If all goes well the issue could be settled sometime next summer. It is often overlooked that a small proportion of the reservoir—perhaps 3 per cent, to 5 per cent—lies in Shell/Esso's block 22/8.

Up to now BP, as the licensee on block 21/10 which contains the bulk of the field, has funded the entire development operation. According to the company, total development costs will exceed £800m.; some industry estimates suggest that inflation and other factors will take the figure considerably higher. For instance, one leading analyst reported this month that the total cost, including development drilling and terminal facilities, could be \$1.66bn, when converted at current sterling rates, takes the bill to over £1bn.

On the other hand, Shell and Esso are not receiving any revenue from the field which came on stream in February last year. Forties is expected to be producing at the rate of 500,000 barrels a day by the third quarter next year, a peak rate which is 25 per cent above original estimates. It is likely that this rate of production can be sustained through 1978 and 1979 falling slightly to perhaps 490,000 barrels a day in 1980 and 420,000 b/d in 1981.

When the unitisation matter is finally settled, Shell and Esso will probably pay their share of the development costs (presumably with interest) out of revenue due to them.

Mr. David Steel, BP's chairman, made it clear that the upgrading of production had not altered estimates of the Forties Field's recoverable reserves: 1.8bn. barrels. It is understood, however, that this

figure is now based on recovering 45 per cent of the 4bn. barrels assumed to be in place.

Earlier reports suggested that BP was expecting only a 40 per cent recovery factor from total reserves of 4.5bn.

It may be some time before a clear picture of the reservoir size and recovery characteristics emerge (although the early signs are encouraging). After all, only 18 of the planned 106 production wells are at present yielding oil. One of the four platforms, FD, has yet to be brought on stream, although drilling of its first production well could begin early next month.

As the field's development has gone so smoothly, at least when set against some of the other ambitious North Sea ventures, it is tempting to pitch the final recovery factor even higher. Although speculation is premature, it is not unreasonable to assume that eventually BP could use a third stage recovery technique—the so-called "huff and puff" method—where carbon dioxide to stimulate the flow of crude are two possibilities.

The time is approaching when BP should be planning the development of its Magnus Field. The Government and the offshore industry are hoping that a decision to proceed with the project will be taken next year. The field has estimated recoverable reserves of about 500m.

barrels, although this figure is far from established.

The last well to be drilled on the structure, 21/12-4, did little to enhance the field's prospects. Apparently the well was disappointing; the fact that it was not tested indicates little, if anything, was found. However, it was a bold step-out well, drilled on the southern extremity of a fairly narrow field. The fifth well on the block, currently being drilled by Sedco 703, is a true appraisal project which should give much more information about Magnus. As it is being drilled in the centre of the structure it would be surprising, if it well proved to be fruitless.

Indeed, the siting of 21/12-4 has given rise to industry speculation that BP is trying to ascertain the most suitable location for a platform assuming a fixed structure is chosen. At this stage such an assumption is dangerous—no possible development method—whether it be a floating, tethered, fixed or sub-sea system—has yet been discounted.

The offshore industry is picking up signs that Shell has started in earnest planning for the development of the Cormorant Field extension. The Shell/Esso group has already indicated that it hopes to order a platform next year.

Such an order could inject life into the Government-owned

Development work is proceeding on production platforms for the Anglo-Norwegian Frigg field.

concrete platform construction in only 148 feet of water a mere 12 miles, appears to be the most exciting prospect in this current round of drilling. Possible recoverable reserves of 500m. barrels, as mentioned in this column on September 17, still seem a reasonable estimate, given the information available to date. Certainly there are some red faces in the exploration departments of major oil companies where that area of the Moray Firth had been virtually dismissed as unproductive. More should be known after the Mesa group has completed its second and third wells, however.

There must also have been some red faces in Gulf following the discovery of oil on block N7/12 in the Norwegian sector. The Gulf/National Coal Board group once relinquished Irish Sea concessions as having little commercial potential only to find British Gas becoming excited about a big gas field in the area. Gulf also relinquished its interest in block N7/12.

If Mowlem Taywood, the U.K. licensee for the Condeep design, opt for the use of Portavie it will first have to come to an agreement with the Government and Sea Platform Constructors, the facilities present occupiers.

Shell is saying nothing of its platform ordering plans. It is shortly also remaining tight lipped N16/8, another block affected about the results of its exploration well on block 12/23. The virtually complete. It is under secrecy is understandable: the stage that the well reached block lies near other blocks in total depth this week. Once quadrants 14 which are being the well on N16/8 has been offered in the fifth round of completed BP will be in a position to assume its dominant role in the consortium.

group is almost certain to be an applicant for at least a couple of the quadrant 14 concessions. BP has been similarly coy about the recent drilling on block 20/10.

But it seems that BP has been at least partially successful with its gas exploration west of the West Sole field. The rig Key Gibraltar has been involved in a testing programme this week. This indicates that at least some worth testing has been found. A second well on the rig drilled by the Continental BP/Pelican Group has found oil within a mile of the spot chosen by Gulf as its partners. Brokers, however, report that the first must have been terminated at less than 150 feet short of the bearing layer.

The total depth of the second successful well was 12,000 feet. During the testing it produced 7,100 barrels of oil and 119,000 cubic metres of gas per day. The firm in arrangement must that eventually BP Development of Norway becomes operator of the group with 57.5 per cent stake. Conoco come to an agreement with the Norway will have a 25 per cent interest. Pelican will have 3 per cent and Statoil 12.5 per cent.

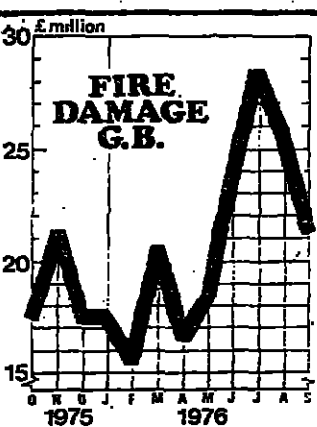
The change-over should complete platform ordering plans. It is shortly also remaining tight lipped N16/8, another block affected about the results of its exploration well on block 12/23. The virtually complete. It is under secrecy is understandable: the stage that the well reached block lies near other blocks in total depth this week. Once quadrants 14 which are being the well on N16/8 has been offered in the fifth round of completed BP will be in a position to assume its dominant role in the consortium.

OIL RIG MOVEMENTS

GROUP	RIG	BLOCK	GROUP	RIG	BLOCK
Amoco	Sedco 135G	21/27-7	Phillips	Ocean Rover	15/27-2
BP	Key Gibraltar	42/30-1	Phillips	Western Pacesetter	16/15-2
BP	Sedco 703	21/12-5	Premier	Ocean Voyager	29/86
Burmah	Borgny Dolphin	21/18-13a	Shell	Stadfill	21/29-7
Conoco	Dundee Kingsnorth	3/7-2	Shell	Sedco 700	21/12-4
Conoco	Venture 1	9/19	Shell	Chris Cheney	3/12-1
Mesa	Penrod 67	11/30-2	Sun	Penrod 71	21/22-1
Occidental	Bredford Dolphin	15/17	Total	Pentagone 84	3/25-5
Pan Ocean	Odin Drill	16/7-4	Transworld	Pentagone 82	21/1-4
Pan Ocean	Atlantic 1	16/7-5	Transworld	Sedneth 701	21/1-3
			Zapex	Sinbad	23/2
			Hydrocarbons	Drillmaster	104/2

Fires caused £21.2m.
damage in a month

BY ERIC SHORT



The fire at British Aluminium Invergordon smelter cost an estimated £2m. There were 24 other fires which cost between £100,000 and £1m. each. At places used by the public such as shops and schools there were 27 fires during the month and 12 in private dwellings where damage was in excess of £25,000.

BANK RETURN

Valuation 11m. up in Oct. 1976

LIABILITIES

Capital, £14,553,400

Special Deposits, £1,141,100

Bankers, £1,141,100

Reserves, £1,141,100

Other, £1,141,100

Assets, £14,553,400

Fixed Assets, £14,553,400

Current Assets, £14,553,400

Other, £14,553,400

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Other, £14,553,400

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Special Deposits, £1,141,100

Bankers, £1,141,100

Reserves, £1,141,100

Other, £1,141,100

Base Rate Change

BANK OF
BARODA

Bank of Baroda announce that for balances in their books on and after the 29th October, 1976, and until further notice their Base Rate for lending is 14% per annum. The Deposit Rate on all monies subject to seven days' notice of withdrawal is 11% per annum.

PUBLIC NOTICES

ESTOURNE S.C.

£425,000 Bills placed 27th October 1976 due 28th January 1977 at 14.75%

£425,000 Bills outstanding.

SEAFORDSHIRE COUNTY COUNCIL

£4m. Bills maturing on the 26th January 1977 at an average discount of 14.6667%

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Financial
Highlights

Financial Position (In Thousands)

Total Assets
Deposits
Loans, Net
Shareholder's Equity

September 30	
1976	1975
\$ 3,330,315	\$ 3,213,334
2,705,677	2,496,255
1,532,215	1,444,338
192,321	153,652



The Technical Page

EDITED BY ARTHUR BENNETT AND TED SCHOETERS

RESEARCH

Getting the best out of coal

PLANS FOR the construction of a solidified bed combustion test facility close to the Grimethorpe power station in Yorkshire were announced yesterday by the National Coal Board.

Construction is expected to start next year, and be completed by 1978, when it will mark the first stage of a £13m. project which is being financed by the U.K. U.S. and West Germany in equal proportions.

This first stage will cost over £1m. and will enable research and development to go ahead on a full commercial exploitation, specially for power generation. The project team will be working as part of NCB (IEA Services) a subsidiary company of the NCB set up to manage this work.

The National Coal Board has been developing the solidified bed combustion process since the mid-1960s. The process provides higher heat release rates at lower temperatures than in other coal combustion systems and a very important spin-off, is that smaller and cheaper boilers can be used.

It was pointed out yesterday that a second stage in the development could be to use the combustor up to ten times atmospheric pressure and use the hot pressurised exhaust gases to drive a gas turbine in parallel with a conventional steam turbine.

Such combined cycles, it was added, have a potential overall generating efficiency approaching 50 per cent, which compares with 38 per cent, the best achievable in conventional power stations, whatever their fuel.

It was decided to site the research facilities at Grimethorpe in the centre of a coal field, so that it could be run in conjunction with the power station there to provide actual operating experience and justification for the next stage, which will be scale-up to a full power station operation.

ELECTRONICS

Service for micro users

A CONSULTANCY service for microprocessor users has been set up by RCA Service Division in conjunction with RCA Solid State Europe.

The new organisation will be known as RGA Microprocessor System Services and will offer aid in the design and commissioning of complex control systems.

For some time, RCA Solid State has marketed its COSMAC CDP 1800 Series of microprocessors in conjunction with a series of hardware, software and application aids designed to assist the user in applying the microprocessor system to his own needs.

With the advent of the CDP 1802 single-chip microprocessor and the big growth predicted for this type of system into widely differing industrial applications, RCA says the time has come to offer the prospective user a full consultancy service, covering all aspects from the initial design concept through prototype, program writing, etc., up to prototype manufacture and installation.

It is stated that it will be possible to observe confidentiality and to carry maintenance of hardware. Although the activities of the new service are not necessarily limited to RCA's own microprocessor products it is expected that most of the initial effort will be devoted to applications of the CDP 1800 series.

The service will be available direct from RCA or through RCA Solid State's U.K. distributors and more information can be obtained from RCA Solid State-Europe, Sunbury-on-Thames, Middlesex TW16 7HW.

SAFETY

Personal oxygen monitor

SEWER MEN, and those working in boiler rooms, power stations, and ships, or with inert gas flushing systems or welding equipment, can carry the E14 OxyLarm from Draeger Safety in their breast pockets or on a belt to give an instant warning of a change in atmospheric oxygen level.

The instrument, which weighs 0.45 kg, and measures 160 x 65 x 30 mm, has a meter displaying 18 to 24 per cent oxygen (zero level is normally 21 per cent.). Oxygen flooding or deficiency is indicated by an audible alarm. Speed of response is stated to be less than one second for a 10 per cent. change in oxygen concentration; the range required can be preset.

The unit operates from a polarographic cell, and incorporates an on/off switch which cuts out power to the main circuitry of the instrument but allows a very small current to energise the cell, ensuring constant stability and negligible warm-up time. Price is about £130.

Switched off, the unit has a life of at least six months, and in continuous use will last six weeks. The alarm circuit will operate for 12 hours continuously. The alarm will also sound if the cell or the battery are nearing the end of their useful life.

More from Draeger Safety, Sunbury Road, Chesham, Bucks., HP5 2AR (02405 74481).

tween 70 and 84 per cent, all three are said to have good electrical and mechanical properties. They are an epoxy adhesive and a silicone adhesive, both one-component systems, and a two-component epoxy adhesive. Operating temperatures range from 180 to 200 degrees C.

The adhesives are applied with spatula or syringe, and the silicone adhesive can also be used in screen printing, with a dropper, or, when diluted, with a brush.

Suggested applications include bonding components on printed circuits, for mounting transistors, diodes and ICs on substrates for the electrically and thermally-conductive sealing of housings, and for making electrical connections.

Details from Degussa, Postfach 2644, D 6000 Frankfurt am Main 1.

COMPONENTS

Trends in electronics industry

NEARING completion is a major study of what could be called a "survival package" for the electronic component industries of Europe and in particular that of West Germany.

The global study gives primary emphasis to Western Europe but also covers the U.S. and Japan. It was commissioned by the Federal Republic of Germany and is supported by the Governments of France, the Netherlands, the U.K., as well as the European Commission.

The two main aims of the study are to provide a ten-year forecast of trends in technology, products and markets for both integrated circuits and optoelectronic displays (OEDs). There also will be an analysis of the strategic factors and conditions necessary for the success of a successful European semiconductor capability.

The final report on the study will be made in Bonn in December this year. It will serve both as a detailed forecast and as a guide for the development of strategy within the Governments sponsoring the study, acting either singly or in co-operation with each other. In the assessment of the present situation and prospects of the European semiconductor industry and in the analysis of necessary steps to increase the probability of success.

Domination of European markets by American manufacturers of large scale integration (LSI) circuits and optoelectronic displays, and the generally unsuccessful competitive position of the European semiconductor industry regarding state-of-the-art devices, a position which deteriorates with each new wave of innovation, has been a source of increasing concern not only to the indigenous West European semiconductor companies themselves but also to the major West European Governments. For this reason, various programmes of governmental support for the national semiconductor industries in Europe have operated for a number of years, although to date without any significant degree of success.

But the various Governments have realised that the electronic component market is one into which they can go pouring money for no tangible result because of the way the industry has organised itself between innovation in the U.S. and manufacture in low-cost wage areas—the offshore operations of the Far East and Latin America.

The report, primarily for West German initiatives, will contain a detailed examination of the technology and product trends over the complete range of current and future products in integrated circuits (ICs) and optoelectronic displays (OEDs). These also will be an analysis and forecast of the trend of all major economic influences that affect the production costs of ICs and OEDs.

Predictions will be made for semiconductor markets in the important application areas for the major West European countries. West Europe as a whole, the U.S. and Japan and the world as a whole, for the next ten years. Basic factors made of the strategic factors and conditions necessary for the success of a successful European semiconductor capability.

The final report on the study will be made in Bonn in December this year. It will serve both as a detailed forecast and as a guide for the development of strategy within the Governments sponsoring the study, acting either singly or in co-operation with each other. In the assessment of the present situation and prospects of the European semiconductor industry and in the analysis of necessary steps to increase the probability of success.

HANDLING

Pedestrian controlled stacker

FO TONNES can be lifted by the latest truck in the Crown range of heavy duty pedestrian controlled stackers. It offers lift heights up to 210 inches and a variety of straddle widths and fork lengths to suit the application.

Manoeuvrability and narrow performance are features of the 24v battery-powered truck—stacking of standard 48 inch x 48 inch pallets can be carried in a 6 foot aisle.

The control handle, itself a 300mm diameter, houses the twist-actuator for three speeds forward and reverse, the horn, rise and lower bars, safety reverse button, high-speed cut switch for operation in congested areas, and a key to prevent authorised use. A separate lever gives infinite adjustment of rise and lower speeds.

Details from Crown Controls, Middle Road, Feltham, Middx. W14 0LR. (01-890 0191).



Double-sided plain paper reproductions of documents, photographs and other types of original material can be produced on this machine just put on the market by Oyez Reprographics of Vale Road, Tonbridge, Kent TN9 1XU. Sizes up to 364 by 257 mm. can be reproduced. The machine is supplied with a trolley-cabinet which provides both storage and mobility.

PRINTING

Simplified plates for offset

HOUSE print departments in make offset masters on a standard electronic stencil cutter with a new process developed by Onco Vickers.

The control handle, itself a 300mm diameter, houses the twist-actuator for three speeds forward and reverse, the horn, rise and lower bars, safety reverse button, high-speed cut switch for operation in congested areas, and a key to prevent authorised use. A separate lever gives infinite adjustment of rise and lower speeds.

Details from Crown Controls, Middle Road, Feltham, Middx. W14 0LR. (01-890 0191).

and extended back frame to allow high clearance full cross application—applied control in general for example. Filtration equipment is of stainless steel.

Prices range from £1,400 for a machine with a 33-foot boom, Rollervase pump, and 10.5 x 15 rotation tyres, to £2,100 for a model fitted with a centrifugal pump and direct-drive filter.

COMPUTING

Terminal for NC tape preparation

LATEST VERSION of the Model 801/EIA keyboard printer terminal from Transdata is being used for NC tape preparation. It provides conversion from EIA (the American Electrical Industries Association) punched paper tape code to ISO code and vice versa.

The company claims this facility substantially reduces the time taken to program and punch an NC tape, because it provides greater flexibility and economy. As it converts electronically from and to both codes, NC tapes may be prepared in either ISO or EIA and converted as required either for on-line time-sharing work or for use on the NC machine tool.

Some of the new terminals have been supplied to Posidata, the Rasingstoke company which makes controls and interfaces for NC machine tools.

Both companies believe that NC can be profitably adopted by large and small engineering companies, because of the resulting increase in productivity and versatility.

Details from Transdata, Solent Road, Havant, Hants. (07012 6556).

Controller of network

TSI International is bringing out its "fourth generation" of telecommunications support software under the name Task/Master II.

Software conversion aids for users of IBM's CICS package are provided and the new release imposes no burden on users of the previous version.

Notable among Task/Master II's capabilities is the support of a totally decentralized network of processors. It can operate in a host processor, a locally-attached front-end processor, or a remote satellite processor. Application program construction is the same whether the package is operating in a host or satellite processor, thus permitting work to be performed at every level and against distributed databases. A complete inter-processor queuing mechanism and command language is provided to simplify distributed network design.

TSI International, 19 Bedford Row, London WC1R 4EB. 01-405 7304.

PLASTICS

Sets hard and fast

RIGID POLYMERS can be produced in less than one minute and can be fabricated into parts weighing up to 100 kg with thicknesses up to 15 cm.

This is the main claim made by Dow Chemical for its Instant Set Polymer (ISP) which is formed when an isocyanate and a polyol are pumped into a mould together with a catalyst.

The raw materials polymerise rapidly and exothermically, says Dow, the heat of the reaction being absorbed by an organic modifier which prevents thermal degradation of the plastic.

Moulding takes place at almost ambient temperature and thus demands much less energy than conventional injection moulding materials. Heavy section moulding is possible in very short cycles.

The material can be easily machined and most of the applications to date have been in corrosive environments. Typical applications proposed by Dow are in rods, bars and plates, gaskets, rollers and wheels and in electrical components.

The technology and materials needed to produce ISP parts are offered on a licensing basis and that includes a U.S.\$10,000 initial fee.

Further information is available from the company at Heathrow House, Bath Road, Hounslow, Middx. TW5 9QY.

INSTRUMENTS

Electrically conductive adhesives

THREE SILVER filled electrically conductive adhesives for the electronics industry have been developed by Demetron, of Hanau, West Germany, a Degussa subsidiary.

With silver contents of between 70 and 84 per cent, all three are said to have good electrical and mechanical properties. They are an epoxy adhesive and a silicone adhesive, both one-component systems, and a two-component epoxy adhesive. Operating temperatures range from 180 to 200 degrees C.

AGRICULTURE

Spreads the fertiliser

SIGNED FOR the application of chemical sprays and liquid fertilisers, a trailer mounted rayer has been launched by E. Iman and Company, Birdham, Chichester, Sussex (0243 2511).

There is a choice of five rayers, three types of wheels, small or Hi-Clear axles, and boom. There are also optional extras, such as a boom wing and chemical self-cleaning.

Among other features are improved boom rotation, using compressed rubber instead of springs to reduce boom bounce and minimise shock load on the rayer; diaphragm check valves on each nozzle to reduce drip.

On the balance sheet, it's an asset. On the road, it's a revelation.



The Bedford TM 38 tonner. It's just one of the latest additions to a complete range of TM trucks from 17 tonne GVW to 42 tonne GCW. In transport jargon they're called "premium trucks." Which simply means they're the best money can buy.

The TMs are built to be as tough as nails. They're also designed to carry payloads that are higher than those of most competitive premium trucks.

As well as covering a wide span of weights, the TMs offer an extensive choice of wheelbases, configurations and engines.

The result is a range of trucks that can be tailored equally well to delivery work as to international haulage. Some of the names on the sides of TMs are evidence of their drawing power. BRS, Vickers, the Milk Marketing Board, Lucas, Harp Lager and the National Coal Board, to name but a few.

By now, it will probably come as no surprise to learn that of all four major British manufacturers, only Bedford increased their truck sales in the UK this year. That's good news for our balance sheet. Bedford TM could be good news for yours.

BEDFORD TM The Muscle Trucks

VEHICLE LEASING

Lease your trucks and vans through Master Hire.

Master Hire can save you time and money.

For full details post coupon (no stamp needed) to:
Vanpool Motors Ltd, FREEPOST, Route 3545, Luton, LU2 2BR.

Name _____
 Company _____
 Address _____

FT 1

By agreement between the Financial Times and the B.C. information from The Technical Page is available for use by the Corporation's External Services as source material for its overseas broadcasts.



Labour victory on aid to industry

By Justin Long, Parliamentary Correspondent

THE GOVERNMENT last night overrode Opposition warnings of confusion and difficulties in the way of Parliamentary supervision over the proposed increased provision for the State aid of industry.

Tory protests that public money, spent through a variety of channels, would not be properly monitored were rejected by a Government majority of 17 (212-195) during debate in the Commons on the Industry (Amendment) Bill.

The Bill increases from £650m. to £1.65bn. the limit on the power of the Government to provide financial assistance to industry. From the Opposition Front Bench, Mr. Michael Gyles contended that Industry Act money could be "force-fed" to the National Enterprise Board and to NEB-owned companies as the Bill stood. The Government would be enabled to siphon more funds into the NEB with scant control from the Commons.

Feeding

The Tories suspected that the Government was using a procedure that would excuse the use of State funds for non-viable projects.

Labour MPs made clear their own suspicion—that the Tory amendments were prompted by their hostility to the NEB.

Mr. Tom King, for the Opposition, repudiated the idea that the changes sought from his side of the House were concerned with the arguments about whether or not there should be an NEB.

"Our argument is simply this: you have an NEB. The NEB has funds. You have funds under the Industry Act. And we object to the confusion of different sources of funds which are being crossed over in this way—making it more difficult to decide just where the funds are going and what developments they are going to generate."

There would inevitably be a duplication of the monitoring of the provision of the funds, Mr. King maintained.

But Mr. Bob Crow, the newly appointed Under Secretary for Industry, assured MPs that the Bill would not give any real advantage to the NEB. "There is no intention of simply feeding the NEB with Section 8 money, the relevant section of the Industry Act," said Mr. Crow.

He accused the Opposition of being prepared to grant discretionary powers to the Government to help entirely privately-owned firms, but not in the case of firms wholly or partly owned by the NEB.

"The NEB is a vital part of the Government's strategy," said the Minister. "We want it to succeed and we do not want it restricted or to have the Industry Secretary restricted in his application of legislation."

The Tories took their protest to a division.

Lords say extra time not enough

LESS than an hour after the Government had announced a week's extension of the Parliamentary session to clear the logjam of controversial Bills, Opposition peers warned yesterday that they could still not guarantee completion of business.

Peers, who on Tuesday carried a motion protesting at the workload forced on them, described as "unrealistic" hopes that the concession would give them enough time to do their revising job properly.

But Baroness Llewellyn-Davies, Government chief whip in the Lords, insisted that it was the Government's "firm intention" to complete its legislative programme.

Earlier in the Commons, Home Secretary Mr. Merlyn Rees, standing in for Leader of the House, Mr. Michael Foot, had said the State opening of the new session was to be delayed until November 24.

Lord Byers, Liberal Leader, said that the Government should drop one, or possibly two, of its major measures if more time was not to be allowed.

Lord Carrington, Tory Leader, said he had no idea whether the extra week would be long enough to complete the "enormous backlog of business."



COMMONS ERUPTS AT PRESENCE OF RUSSIAN OFFICIAL

BY JOHN HUNT

THE visit of Mr. Boris Ponomarev, head of the International Department of the Soviet Central Committee, provoked furious scenes yesterday with Mrs. Margaret Thatcher, leader of the Opposition, condemning it as a major diplomatic blunder which would be used as Russian propaganda in every Iron Curtain country.

But for the Prime Minister it came as an unexpected blessing in disguise. For the first time in weeks he was able to get through Question Time without a single reference to the sinking pound and the state of the economy.

According to Mr. Peter Blaker (Lab., Blackpool S.), the Russian visitor was an accessory to the slaughter of millions of his own countrymen and was now masterminding the destruction of British liberties. At first, Mr. Callaghan showed no signs that he intended to answer the question. He remained seated as the Tories yelled at him and demanded that he get to his feet.

It was obvious, however, that a canny politician like Mr. Callaghan was not reluctant to split out a row over a

visitor from distant parts if that meant that he could duck awkward questions on the home front.

There were chants of "True, true" from the Tories as he mildly observed that their insulting words would not help relations between Britain and the Soviet Union.

Watching the uproar from the visitors' gallery was Mr. Ponomarev himself, seated with a row of grey-suited cohorts. This gave Mr. Nicholas Ridley (C., Cirencester and Tewkesbury) the opportunity to raise the cry of "I spy strangers" the traditional way of clearing visitors from the House as a means of protest.

As members trooped out to vote on this motion Mr. Greville Janner (Lab., Leicester W.) intervened by placing a skull cap on his head and asking Mr. Ridley to withdraw the motion. He was observing the rule that a member must cover his head in order to intervene once a division has started.

Mr. Janner argued that the Russian should be allowed to remain in the gallery if only to see how democracy

worked. Unfortunately, Mr. Ponomarev and his colleagues chose this moment to stalk out, presumably in complete bewilderment at the esoteric antics in the chamber.

Throughout the row Mr. Callaghan maintained that British Governments, Tory and Labour, had always been prepared to meet representatives of foreign powers whatever they might think of their policies and methods.

It was soon shown that the Conservative leadership and many of the rank and file privately accepted Mr. Callaghan's view, whatever they might say across the floor of the House.

The Conservative Front Bench abstained from supporting Mr. Ridley's motion and it was defeated by a majority of 112 (80-192). The figure showed that less than a third of Tory MPs were prepared to support the hardliners in the party.

The result certainly seemed to give satisfaction to Mr. Callaghan. As he left the chamber he jauntily observed to his colleagues: "Well, at least we won't have a war with Russia."

Diplomatic blunder—Thatcher



Mr. Len Murray drinks a toast with Mr. Boris Ponomarev at a TUC reception after the Russian official's Parliamentary visit.

you ever become Prime Minister you never intend to meet a member of the Politburo, you had better make it clear now."

Mrs. Thatcher remained in her place and Labour MPs jeered and mocked her to answer, shouting "Come on Maggie."

Earlier Mr. Peter Blaker (C., Blackpool S.) said that the Russian was "an accessory to the slaughter of millions of his countrymen."

Against a background of Tory shouts of support, Mr. Blaker said: "Mr. Ponomarev's present job is to mastermind the destruction of our own liberties."

He asked the Prime Minister: "Why has he been invited here by your party and why have you received him?"

Mr. Callaghan remained in his seat and Tories shouted, saved their arms and jeered: "Answer, answer."

Mr. Callaghan finally stood up and commented: "I just wanted

Mr. Heffer said that the National Executive of the Labour Party would have objected had a colleague, Mr. Len Murray (Bathnal Green and Bow), a Jew and a Zionist, been refused admission to the Soviet Union.

This provoked an angry scene in which Mr. Neville Sandelson (Lab., Hayes and Harlington) whose seat in Parliament is threatened by local constituency Left-wingers, jumped up and pointed his finger accusingly at Mr. Heffer.

The Speaker, Mr. George Thomas, had to call for order several times, before Mr. Callaghan rose to speak.

As the Commons exchanges continued Mr. Greville Janner (Lab., Leicester West), who is a leading member of the Board of Deputies of British Jews, condemned the arguments about whether the delegation should come as "sterile."

"The decision should be taken not to abuse them, but to condemn their abuse of minorities in the Soviet Union, and the imprisonment of Jewish people last week."

Mr. Callaghan replied that both he and Mr. Wilson had used opportunities to make their views known to the Russians.

"The Opposition are making making asses of themselves," he said.

Mrs. Thatcher asked Mr. Callaghan if he thought "soft soothing words" would have any effect—especially in the light of the Prime Minister's threat to withdraw the British Army on the Rhine.

Mr. Callaghan replied angrily that she was misrepresenting what he had said, and misunderstanding the situation over representations to the Russians.

These matters were best conducted privately—they had an impact.

Mr. Callaghan said Mr. Max Madden (Lab., Sowerby), who accused the Tories of hypocrisy over the Russian visit, that it was "not hypocrisy, just total naivety."

Net closing on Provos as revolt against violence continues

A GROWING number of Provisional IRA were being caught redhanded by the security forces, Northern Ireland Secretary, told the Commons. He said: "The greater efficiency of the security forces and the people's revulsion from violence, is closing the net on terrorists. They know they cannot win."

Attacks by the Provisionals on the security forces during the past three months had led to the death of three policemen and four soldiers.

Twenty-four persons had been killed by sectarian gangsters from both communities.

So far this year, 1,037 people had been charged with murder, 89 with attempted murder.

Mr. Mason went on: "The police and Army perform their difficult and onerous task with skill, bravery, tact and compassion that could not be equalled by forces anywhere else in the world."

Mr. Ian Gow (C., Eastbourne) urged the Government to acknowledge the "enormous damage" was done by the former policy of talking with representatives of the terrorists. He called for an undertaking that it would not be repeated.

Mr. Mason said there had been no talks for some months and none pending but added that he would not use the phrase "never again."

Mr. Bryan Gould (Lab., Southampton Test) said that the law governing compensation for criminal injury was in need of urgent review. Compensation received by soldiers' widows was inadequate, Mr. Mason assured him that this was under review.

Mr. Airey Neave, Tory Northern Ireland spokesman, asked for steps to be taken against senior terrorists in Northern Ireland who were still walking around scot free.

Mr. Mason said he was looking at that. He hoped it would be months of 1976, more than in any

possible to use the law to put these senior criminals behind bars.

Replying to Mr. Cyril Townsend (C., Bexley Heath) Mr. Mason, rejected a request to take an independent political initiative or step up the level of activity of the security forces.

Mr. Mason said: "There is no change in our position. Northern Ireland is part of the United Kingdom unless a majority of the population want this changed."

Our Belfast Correspondent writes: Figures released by the Northern Ireland Office yesterday from the last quarter of this year, from July to September, show that the number of deaths from terrorism has increased and Army successes were fewer.

The figures also show that 333 people died in the first nine full years since 1972.

More bombs went off between July and September and Army experts defused fewer than in the previous two quarters. The amount of explosives found by the Army fell drastically from 11,154 lbs in the first quarter to 2,899 in the third.

On a more encouraging note there has been a steady, if small, decrease since the beginning of the year in the numbers of people being killed, despite increasing terrorist activity.

Power guns were uncovered by soldiers between July and September than in the previous quarter but Army sources maintain that this does not indicate a slackening of military activity.

Rather, they say, it shows that terrorist supplies are drying up.

However, this general view does not tally with the increased number of shootings and bombings. More than 600 bombs exploded in the first nine months of the year compared to 399 during the whole of 1975.

The statistics bear out to some degree the claim that the Royal Ulster Constabulary is having increasing success in bringing terrorists before the courts.

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LABOUR NEWS

BP men set for strike at Scots chemicals plant

BY DAVID CHURCHILL LABOUR STAFF

WORKERS AT British Petroleum's chemicals plant at Grangemouth, Scotland, yesterday began to shut down production facilities in preparation for a total strike from Monday morning over a claim for improved fringe benefits.

Union officials at the plant said that the strike could halt the flow of oil from the Forth. Field in the North Sea, which provides up to a fifth of Britain's oil needs. But BP last night rejected this view.

It did admit that the production of chemicals such as styrene and high density polyethylene would be seriously hit if the strike went ahead.

About 140 supervisors at the plant, members of the Association of Scientific, Technical, and Managerial Staff, began to shut down production yesterday for safety reasons.

This followed yesterday's decision by the 2,000 workforce, represented by the Transport and General Workers Union and the Amalgamated Union of

Engineering Workers as well as ASTMS, to stop work and occupy the plant from six o'clock on Monday morning.

The workers are basically seeking a two-thirds increase in pensions to bring them in line with other BP employees at nearby plants.

They claim that since the chemical works were taken over by BP from British Hydrocarbon, their pension scheme is now proving to be insufficient.

The problem has intensified, a union official said last night, as a considerable proportion of the workers are approaching retirement and several months of talks have failed to improve the situation.

National officials of both the TGWU and AUEW yesterday recommended that the workers should not strike but continue to take the dispute through traditional negotiating procedures. But this was rejected by

Night work bar 'should not stop equal pay for women'

BY CHRISTIAN TOLLABOUR STAFF

AN IMPORTANT interpretation of the Equal Pay Act was made by the Employment Appeal Tribunal yesterday concerning the issue of women employees barred from better-paid night-shift work.

Mr. Justice Phillips, president of the tribunal, said: "We have come to the conclusion that in the context of the Equal Pay Act, 1970, the mere fact that the work is performed should be disregarded when considering the differences between the things which the women do and the things which the men do."

The judge was explaining why the Appeal Tribunal had recently ordered a Liverpool industrial tribunal to re-hear a claim for higher pay from five women who work in the quality control department of Kraft Foods at Kirby.

The women are barred by the Factories Act of 1961 from doing night or Sunday work. The industrial tribunal had found that the fact the women could not do night work made their jobs substantially different from the men's, for the purposes of the Equal Pay Act.

Yesterday's ruling by the Appeal Tribunal—the latest in

basic wage, if they were doing the same work. That would not be unfair on the men because critical of industrial tribunals—could have repercussions throughout industry.

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Yesterday's ruling by the Appeal Tribunal—the latest in

Compensated

"Were it not so, the Act could never apply in cases where it must obviously have been intended to apply—where men doing the same work are engaged on a night shift."

Women should have the same Appeal Tribunal—the latest in

Labour MPs call for probe into Courtaulds' closure

LABOUR MPs from the North-West of England yesterday called for an investigation by the Departments of Industry and Employment into the proposed closure of the Courtaulds' plant at Skelmersdale.

Later they met representatives of the North-West Economic Development Association to explore methods of combating this and other Courtaulds' closures.

A statement said: "The news of the impending closure at Skelmersdale is a bitter blow to the whole of the North-West region, the more so since it follows disclosures of similar shutdowns in Flintshire, in Wales, and the threat to the Courtaulds' plant at Aintree, Merseyside."

It appears that no advance warning was given of the intention to cease production at Skelmersdale and the attitude of the company warrants immediate investigation by the Departments of Industry and Employment, especially since Courtaulds has received lavish grants from public funds for many years.

"This aspect adds concern to the overwhelming anxiety at the loss of many thousands of jobs in an area already stricken by high unemployment."

The statement was issued by Mr. George Rodgers, the group's chairman and MP for Chorley, after a meeting on Wednesday night.

Ulster politicians studying Mr. Carter's address to the Irish National Congress in Pittsburgh have found relatively little to react to.

Mr. Carter, in effect, said the U.S. should not stand idle, that the Democratic Party understood the special problems in Ireland, and that he had talked to Cardinal Cooke of New York about the need to establish a commission on international peace.

Mr. Paddy Devlin, a leading member of the mainly Roman Catholic Social Democratic and Labour Party said he had Roman suspicions about those who raised the Irish issue in American elections because when elected they never did anything.

The moderate Alliance Party said it would be regrettable if the Ulster tragedy were to become a vote-catching pawn in the Presidential elections.

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A group of Tory MPs from the region will seek a meeting with Sir Arthur Knight, Courtaulds chairman, to discuss reasons for the Skelmersdale closure and to find out whether the decision was reversible.

The announcement by the textile group to close the Lancashire factory, with the loss of 1,000 jobs, was made on Tuesday.

Meanwhile, union officials are trying to save the jobs of the 49 workers at Sunnybrook Mill, which is due to close in January.

Mr. Arnold Bell, a local branch of the National Union of Textile and Allied Workers, said yesterday that they planned to meet Courtaulds officials early next week. "We are not going to let them close Sunnybrook without a fight," he said.

The Common Market textile and clothing industries have protested at the attitude of the EEC authorities to their difficulties in Europe generally.

The EEC co-ordinating committees for the industries complain of delay in applying the Multi-Fibre Arrangement, by excessive concessions granted under it, the absence of accurate data on textile imports, and the import trade and above all "the failure to take an overall view of the Community's import burden."

Basnett wants shake-up in EEC jobs policy

SUBSTANTIAL measures to create employment and direct stimulation of investment would be needed to tackle the EEC's structural unemployment, Mr. David Basnett, general secretary of the General and Municipal Workers Union, said at a meeting of the EEC economic and social committee in Brussels yesterday.

Mr. Basnett said that the objectives set out by finance and employment Ministers, "emphasising the need to create jobs in the EEC, would not be met by conventional economic means. The EEC Commission's forecast of 7-8 per cent inflation rate for 1977 was under threat from rising food and raw material prices and the Common Agricultural Policy."

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NO PERMITS should be issued to foreign workers seeking jobs in Britain's hotel and catering industry next year, TUC lead yesterday.

Permits are not required for workers from Common Market countries, but in the past foreign workers in hotels, restaurants, have come from Spain, Malta and the Philippines.

It is these workers who are prevented from coming in if the TUC proposal was adopted.

Last year the quota of permits for the industry was set at 8,000 but the Government reduced the number to 6,000. The industry would limit its employment of foreign workers to below this figure.

By the end of the year, expected that only about 1,000 foreign workers will have issued with permits.

Casual jobs

In talks yesterday with John Grant, Parliament Under Secretary for Employment, about next year's of the TUC hotel and catering industries committee suggest that no permits at all should be issued for next year, bearing mind the unemployment in

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The Property Market

BY QUENTIN GUIRDHAM

Prime is 6½% says Richard Ellis

THE largest of the property funds, Abbey Life, yesterday announced the result of the first major revaluation since the drop in values caused by MLR. Richard Ellis is the main valuer (Cluttons, who marked down Save and Prosper's Property Fund by 10 per cent, last week cover Abbey's agricultural investments) and the result of their work is a reduction of 4½ per cent. But that overall percentage does not explain what has happened to the U.K. property valuations.

Blanket figures for these funds, which are naturally being watched closely at present to establish a new level of values, need to take into account the shape of individual funds. Abbey is just over 20 per cent, liquid, so that portion is unaffected, though eventually the higher interest rates produce a noticeable income increase. Then there are 18 per cent of property assets abroad, on which the sterling exchange gain was over £1m. last week alone (there was also a minor upvaluing, due to reviews and lettings, on a shop block in Rotterdam). And the 5 per cent of the fund in agricultural land has not been written down.

Of the slightly under 40 per cent of the fund in U.K. properties, which is in U.K. properties, only eight holdings had previously been valued on the basis of 5½ or 6 per cent. yields. These were

mainly shops, though one of the three 5½ per cent holdings was a new office building, let to the Water Board, in Bath. Ellis has moved its lowest base for valuation up to 6½ per cent, indicating an 18 per cent drop in value for the holdings previously rated at 8½ per cent.

On the holdings previously valued at between 6 and 6½ per cent, again mainly shops, Ellis has moved these towards 7 per cent. Some of the percentage falls in value here are quite steep, but on the bulk of the fund, previously valued between 7 and 9 per cent, the drops are less acute.

Some good industrials have been moved only from 8 to 8½ per cent, some equated yields of around 9 per cent, on reversionsary properties have not been altered at all, so that the yields on most of the holdings have moved only a quarter or half per cent, and it is not until reaching odd secondary properties that a jump of a full point has again been made.

So Ellis has concluded that prime property can only rate 6½ per cent. (they included in that rating the classic Princess Street, Edinburgh, shop unit). There are few portfolios where many holdings could recently have been sensibly valued at yields of under 6 per cent, but for those where one or two large prime buildings form the bulk of the company or fund, the implications of this assessment of present values must be serious.

Brooklands project

The £8m. which Vickers and GEC paid for 265 acres of Brooklands, near Weybridge, Surrey, may take a long time recouping, but

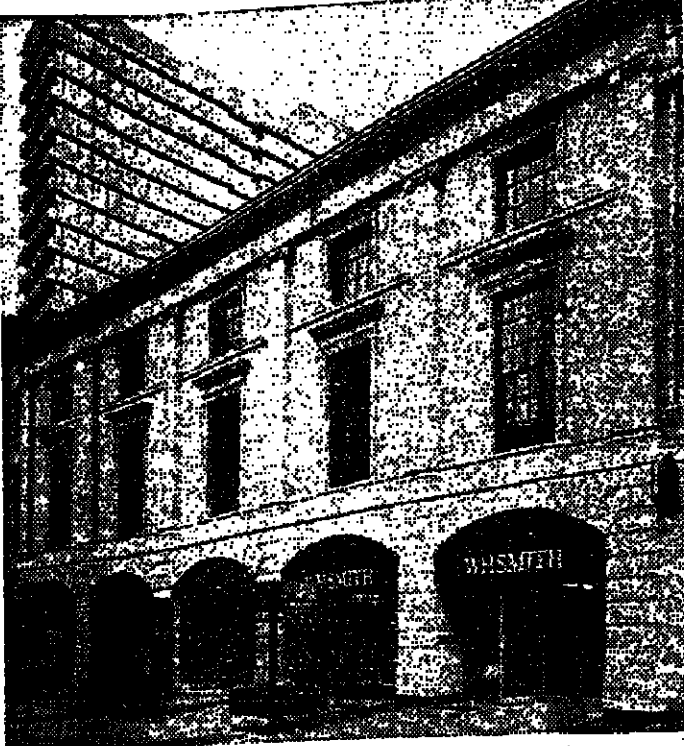
a start has now been made in marketing the 1¼m. square feet of existing factory and warehouse space. This was the old West Works of the British Aircraft Corporation and before that Vickers. It is historic territory, for apart from the remains of the old racing track, there were 11,000 Wellingtons built at Brooklands during the war and Vickers first went on to the site in 1910.

BAC is still at Brooklands, making bits of the One-Eleven, MRCA and Jaguar in its works on the other side of the River Wey, but, having decided to close the area in 1974 to Oyster Lane Properties, a company jointly owned by BAC's two shareholders, Vickers and GEC. At the time, such a quantity of land and buildings in mid-Surrey looked a worthwhile property investment to remove from the aircraft group and develop separately, with BAC's likely nationalisation a possible spur.

The price of £8m. was settled on a valuation by Fuller Peiser, now project managers and sole letting agents. The climate has changed since early 1974. Sir Archibald Hope, group treasurer of GEC, says, "If anyone would like to pay us that to-day, plus interest, we'd take it."

There are, for the moment, only 88 acres on which industrial lettings will be done, and the planners have indicated that, even on this area, maximum utilisation would not be acceptable. Hence the concept of a widely laid out industrial park. But permission has been won to alter an initial 500,000 square feet from industrial to warehouse use, with the rest as Class Three usage.

While the general location suggests a good demand, the immediate access could be much



An interest in the Leeds Library building in Commercial Street, probably the prime shopping street in the city, has been sold to the Save and Prosper Property Fund. S and P have taken a 130-year lease, with the library taking a lease for the same term, at a peppercorn rent, on its premises upstairs. The library and S and P then share the rents from the two shop units, let to W. H. Smith and the United Drapery Stores (Alexandre). The Smith's lease is highly reversionary and, while initial yield is just over 4 per cent, S and P reckons an equated yield of 9½ per cent for the £250,000 it has paid. The building is 1896 and the library, the oldest proprietary library in the country, gets some capital to invest in preserving rare archive material. The modern building behind is MEPC's West Riding House. Hill Welsh introduced the deal and Healey and Baker acted for S and P.

improved. That depends on the listed as of historic interest, M25 being finished, which would provide a junction within two miles and the possibility of a link road, included in the Surrey Strategy Plan, which might even run through the non-industrial site, close to the runway (the airfield use ceased some years back but the memory will be pre-served as there is a small hut, did not finally leave the West

Works until the end of 1975—they have had inquiries of some sort for over 2m. square feet.

For some older buildings, where Oyster Lane Properties is offering short-term tenancies with a view to eventual redevelopment, there are already two takers, among the permanent structures, one of the hangars where VC-10s were built, of 98,000 square feet, is under offer. This is a very tall building, described as the distribution side of a national wholesaling and manufacturing company, are thinking of using the height to rack their stores up to 40 feet.

Of all the varied size of buildings—there is one 300,000 square foot unit but they go down to 10,000 square feet—Oyster says they will normally wait to hear tenants' requirements before making alterations. The rents being quoted are around £1.2 a square foot on the short-term buildings, and £1.50 a square foot or higher for new or improved buildings on longer leases.

MPs query Government office costs

WHILE ITS strictures about government aid to workers' co-operatives attracted most attention, the report from the Committee of Public Accounts also indicated that the MPs concerned are maintaining their interest in how civil servants are housed and at what cost. What the committee particularly latched on to, in interviews with Property Services Agency officials, was the cost of occupational works carried out on new leased office buildings in London. The PSA reporting during hearings earlier this year, that it was spending £8m. to adapt for use as government departments four blocks of Queen's Mansions, Beckenham House, Fleet Bank House and Ashdown House. The committee, in its report, reckons that is too much.

It is "concerned at the extent of the costs of a building and substantial costs of the works needed to prepare and adapt new buildings in London for occupation. We urge the Agency, when they have an interest in leasing a building at an early stage of development, to make the utmost efforts to persuade the developer to incorporate in his plans their probable requirements for such basic services as air-conditioning, lighting and power circuits, ventilation ducts etc."

In this respect, the committee appears to have been most worried by the case of Land Securities' Queen Anne's Mansions, where the Government agreed to lease the 318,000 square foot building in 1968. But on completion this year, works on partitioning, acoustic ceilings, additional lighting, power, telephone ducts, conveyors, Ministerial suites and other matters were expected to total £2.1m.

Apart from the money spent on these occupational works, the committee was bothered by the time factor, particularly where it meant rent being paid for long periods before the buildings were occupied. In this sense Fleet Bank House (11 months) and Ashdown House (13 months to full occupation) seemed the worst examples.

One point to emerge in the evidence was that, despite the informative literature put out by the PSA on more modern and open office lay-outs, the message is not apparently getting through. Bureaucrats continue to love partitions.

The single item which took up most time in hearings was the question of whether the Government would do better to build or rent its offices. While it was admitted then, and would be even more so now, that it was not the time to increase Government borrowing, the MPs clearly thought the economics of leasing rather than building were largely unproven and asked the civil servants to draw up papers on the subject.

"It really is not possible," said Edward du Cann, "in the current state of the economy, to build a new office building. It would be quite wrong to let the Government build a new office building which would cost £12m. to argue the case for a new office building. It is a persuasive case, as the former chairman of K. Gilmann knows, that it is an order of return developers make these days."

OUT AND ABOUT

● The former Research Production premises owned by Baker Perkins Holdings, Twyford, Berkshire, have been sold by Westhale's to Smith at a figure said to be close to the asking price of £265,000. The purchaser, the Mentholum Company, will use the premises for its own research and production purposes.

● The property in Leam Road, Twyford, has been developed piecemeal over a number of years and the buildings which are all single-storey provide a total floor space of 41,051 sq. ft. and include workshops, storage and car facilities.

● Artagen Properties have their entire development, Avonmouth Way, Avonmouth, sold by Westhale's to a building comprises 94,500 sq. ft. of warehouse and office space constructed with steel frames and with facing work and insulated and plastic-coated sheet steel to admit them, and would be even more so now, that it was not the time to increase Government borrowing, the MPs clearly thought the economics of leasing rather than building were largely unproven and asked the civil servants to draw up papers on the subject.

The tenants have taken year lease at £90,000 per annum and are intending to open new discount warehouse in 1977. The joint letting was by Hartnall Taylor Cook and Partners Bird and Partners.

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Industrial site, close Markets Complex and Aston Expressway/Spaghetti Junction. For Sale.

Grey warehouse premises 16,500 sq. ft. including block and showroom. Adjacent to Markets. For Sale or To Let.

Industrial use Premises, 14,600 sq. ft. City Centre. To Let.

Storey factory with office block. 17,600 sq. ft. 10 ton cranes. 500 yards from Spaghetti Junction.

Illy Industrial Park

Industrial estate 800 yards from Spaghetti Junction and M6 Motorway. Units from 5,000 sq. ft. To Let.

Single-storey industrial premises, 14,800 sq. ft. crane. Rear car park. Close City Centre and M6 Motorway. For sale.

Single-storey industrial premises, 19,000 sq. ft. from City Centre and Aston Expressway/Spaghetti Junction. For Sale or To Let.

Green

Single-storey with office block 25,000 sq. ft. Close to junction 4 of the M6 Motorway. For Sale or To Let.

Wood

Single, part multi-storey. Industrial and/or commercial use 30,164 sq. ft. 1 1/2 miles from Aston Expressway/Spaghetti Junction. For Sale or To Let.

Worth Industrial Park

Industrial Estate fronting Sutton Coldfield By-Pass. 10 sq. ft.-50,000 sq. ft. available now. To Let.

Hells

Industrial/Warehouse premises 6,167 sq. ft. or 11,650 sq. ft. plus development land. 100 yards Middle Ring Road and Aston Expressway. For Sale or To Let.

Hells

Industrial site fronting middle Ring Road. Includes 12,000 sq. ft. prestige office block. Adjacent Aston Expressway/Spaghetti Junction. For Sale.

Heath

Industrial warehouse or factory. 10,000 sq. ft. Close to Freehold for Sale.

Heath

Industrial premises of 700,000 sq. ft. on a site 1.1 acres. For Sale.

Heath

Single-storey open plan warehouse/factory unit 10,000 sq. ft. Close City Centre. For Sale or To Let.

Heath

Single-storey industrial premises, 110,000 sq. ft., with craneage. For Sale.

Heath

Industrial/Warehouse 62,700 sq. ft. Close A45 Coventry. For Sale.

ST MIDLANDS

Industrial development site plus office block 3,800 sq. ft. freehold. For Sale.

ton, Barton Industrial Estate

Industrial/warehouse units, 4,000 sq. ft.-5,750 sq. ft. Close M6. To Let.

ton, Stag Industrial Estate

Small new units 2,500-3,500 sq. ft. or multiples. Close junction 9/10 M6. To Let.

Heath

Industrial factory with part craneage. 40,000 sq. ft. plus extensive open land after selective demolition. For Sale or To Let.

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Industrial/warehouse 5-100,000 sq. ft. Junction 3 1/2 M5 Motorway. To Let.

dditch

Single-storey industrial 35,000 sq. ft. close to M6. Good road communications. For Sale or To Let.

Solihull

Industrial premises 100,000 sq. ft. 1 mile M42, 6 miles NEC. For Sale or To Let.

Stratford-upon-Avon

Industrial/Warehouse units 5-25,000 sq. ft. For Sale or To Let. Freehold industrial land 2.7 acres.

Walsall

Modern warehouse 14,950 sq. ft. Close junction 10 M6. Lease for Sale.

Croydon, Surrey

Excellent Engineering Workshop 48,000 sq. ft. built 10 years. Executive offices, canteen and kitchen. Site area, 2 acres. For Sale or might Let.

Watford, Herts.

Single-storey factory 22,000 sq. ft. Good office, canteen and kitchen facilities. Total site area 1.6 acres. £275,000. To Let.

Waltham Abbey Essex

Seven-year-old two-storey factory 25,800 sq. ft. Open yard of approximately 1 acre. For Sale or might Let.

Investments

For Sale

Important portfolio comprising shop, office, industrial and residential investments in Birmingham and the West Midlands in parcels from £50,000 to £325,000.

Required for Clients

Pension fund and large family trust clients are seeking first class office, shops or industrial investments in lots from £250,000-£750,000 in the Midlands and the South-East of England. Ref: OJNO.

Offices

Birmingham—Kensington House

City centre air-conditioned offices with multi-storey car park adjoining. To Let as suites from 6,700 sq. ft. to 27,000 sq. ft.

Birmingham—St. James' House

New office building in central position with excellent parking facilities. To Let in suites from 2,100 sq. ft. to 18,500 sq. ft.

Edgbaston—Metropolitan House

Superb air-conditioned office building with carpets, lighting and extensive parking facilities. Remaining suites from 1,000 sq. ft. at rentals from £1.75 per sq. ft. Terms will be quoted for fully partitioned suites.

Edgbaston—Duchess Place

The third phase of a highly successful development comprising 105,000 sq. ft. of air-conditioned offices with ample car parking.

Halesowen—Queensway

38,000 sq. ft. Office building recently completed in prime town centre location with good parking facilities close to M5 Motorway. To Let in suites from 2,900 sq. ft.

Coventry—Coventry Point

Entire new office building of 88,700 sq. ft. in prime City Centre position at rent from £1.50 per sq. ft. Walking distance from Inter-city rail terminal and fifteen minutes from National Exhibition Centre.

Dudley-St. John's House

Situated in the centre of the town, an air-conditioned office building recently completed providing 30,000 sq. ft. with basement car parking. To Let in suites from 4,500 sq. ft.

Walsall—Bath House

Refurbished office building for sale or to let with vacant possession of 15,000 sq. ft. Prominent location close to town centre and M6 Motorway.

Chessington, Surrey

First floor offices suite with boardroom and shared canteen facilities 3,800 sq. ft. Rent £10,500 p.a.

London W.1.

Newly decorated offices suite in an imposing Georgian building 1,800 sq. ft. To Let on a new Lease.

Manchester—Deansgate

Prime city-centre location. Entire air-conditioned office building of 50,000 sq. ft. To Let as a whole or in floors of 9,500 sq. ft.

ANTWERP

Frankrijklei

Superb new air-conditioned office building in first class location. 2,400 m2 remaining available with typical floors of 335 m2.

BRUSSELS

Centre Maybrook Louise

A prestige development close to Place Stephanie containing a commercial shopping gallery. Fully air-conditioned offices, flats and apartments. Just completed and available with immediate possession.

BRUSSELS

Rue du Gouvernement

Provisoire

Superb new office building in the heart of Brussels with 3,036 m2 on 6 floors and basement parking. Typical floor 420 m2. Immediate possession.

Filling stations & Garages

As consultants to the Oil and Motor Trade we have a wide selection of properties to offer including the following:—

Worcestershire

Modern motor trade business with existing Alfa Romeo franchise (transfer subject to manufacturers' approval) comprising petrol forecourt and excellent showrooms, workshops, etc., with included living accommodation.

Southam, Warwickshire

Site for self-service petrol filling station on main road. Full planning permission.

Four Chevrons Garage, Harvington.

Nr. Evesham

Attractive property comprising petrol forecourt, showroom, workshops and adjoining proprietor's house. Main road location. £45,500 freehold.

West Birmingham

A most attractive modern freehold motor trade business and petrol filling station situated 4 1/2 miles west of Birmingham City Centre with Renault dealership (transfer subject to manufacturers' approval).

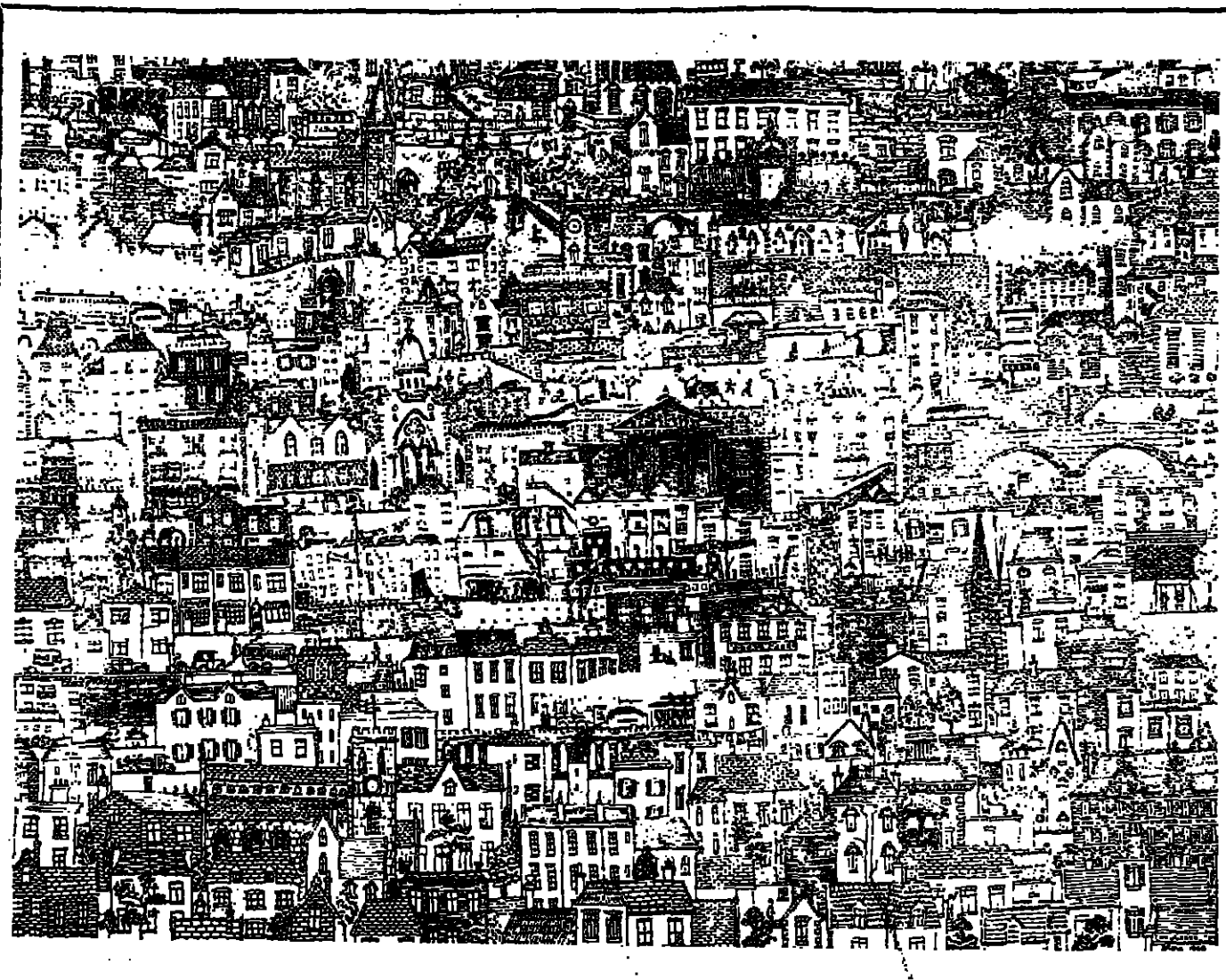
Birmingham City Centre

Modern self-service petrol filling station with showroom, workshop and office accommodation. Current throughput 330,000 gallons per annum. Offered untied and situated close to very busy road junction.

Hanley, Stoke-on-Trent

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Walsall Wood

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Wednesbury Trading Estate

Industrial/warehouse unit 16,900 sq. ft. 1 1/2 miles junction 9 M6. Lease for Sale.

Wolverhampton

Industrial/warehouse unit 38,000 sq. ft. including Basement Car Park 8,400 sq. ft. For Sale or To Let.

Derby-Kingsway Industrial Park

Factory/warehouse units from 5,000 sq. ft.-40,000 sq. ft. immediately adjoining Derby inner ring road at junction A38 Trunk road. For Sale or To Let.

BELGIUM

Braine l'Alleud

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LONDON

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Modern warehouse unit on Yorkshire Industrial Estate. 1,400 sq. ft. 18 ft. eaves. Excellent loading and car parking facilities. Rent £1,800 p.a. To Let.

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Locations include:

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West Midlands
Bewdley, Brierley Hill, Coseley, Darlaston, Dudley, Hednesford, Stourbridge, Sutton Coldfield, Tipton, West Bromwich, Willenhall, Wolverhampton.
East Midlands
Coalville, Coventry, Leamington Spa, Warwick.
Other Areas
Manchester, Nantwich, Whitechurch.

NEW SHOPPING DEVELOPMENTS

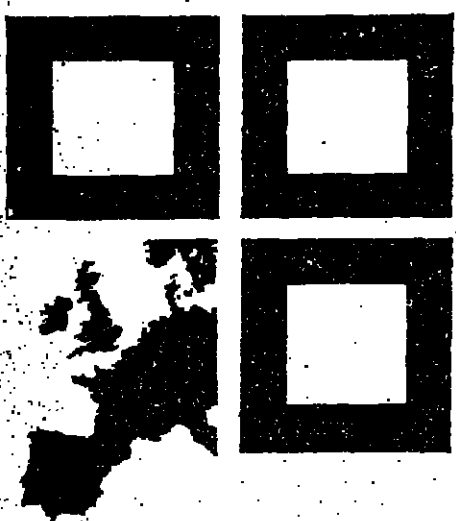
Town Centre and Suburban shopping developments including:

Birmingham—City Centre, Castle Vale, Four Oaks, Yardley, Acocks Green.
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Dudley—High Street.
Hednesford—Town Centre.
Manchester—Deansgate.
Brussels—Centre Maybrook Louise.

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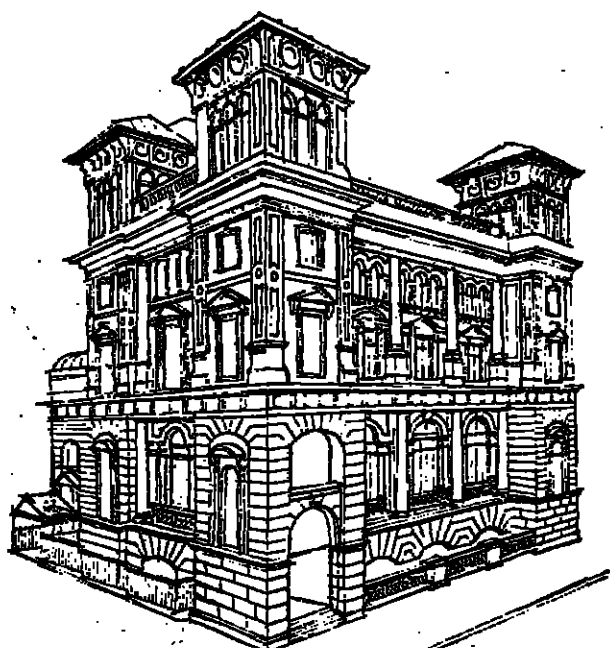
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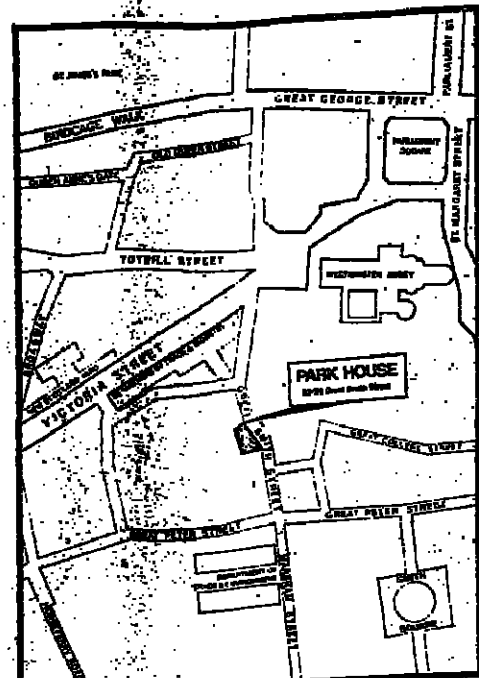
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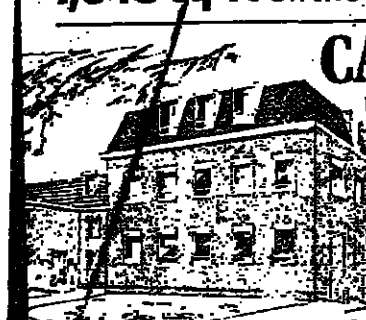
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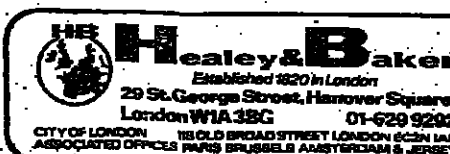
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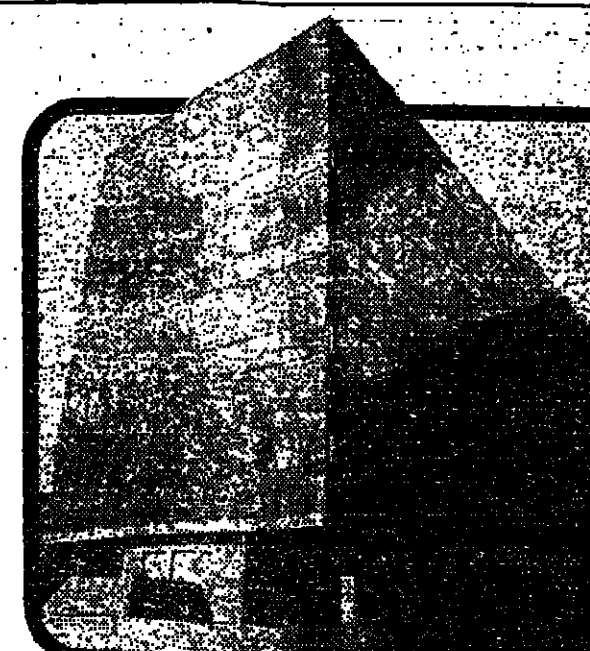
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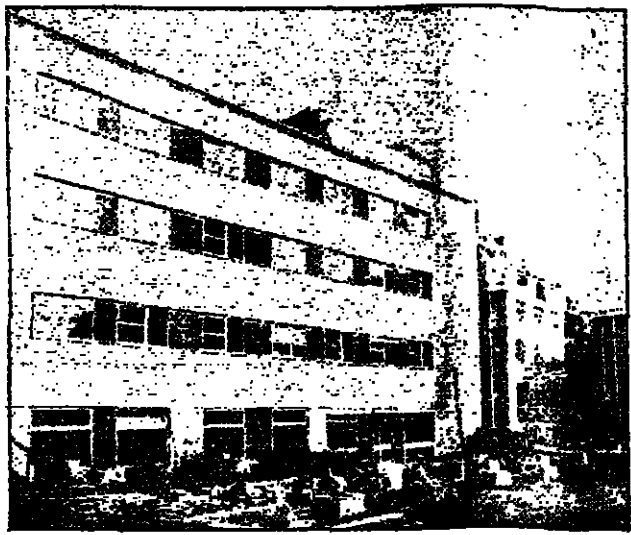
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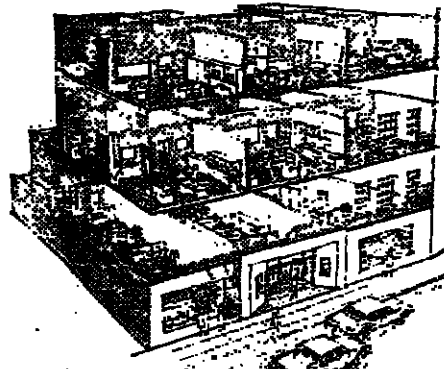
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The Management Page

CONSUMER AFFAIRS IN AMERICAN COMPANIES

A new job title to meet a craze

AMERICAN BUSINESSMEN have not shown any more enthusiasm by and large for the demands of consumer pressure groups than have their British counterparts. But they have been rather quicker to exploit the trend so that almost every self-respecting commercial organisation in the U.S. now seems to have someone on its payroll with the word "consumer" in their job title. More than 300 American companies have now formally established a separate consumer affairs department, some of them employing over 100 people each.

Western Union Telegraph recently appointed a former member of the Federal Trade Commission at a salary equivalent to more than \$30,000 a year as its vice president in charge of consumer affairs. The Coca-Cola hired the former director of consumer protection for the State of Michigan, President Ford, after the style of President Johnson, as his own consumer affairs adviser while President Johnson's ex-adviser, Mrs. Esther Peterson, now works for the food chain.

The consumer affairs executive is one of the newest and fastest growing additions to the corporate hierarchy of American business. Dismissed by some as the pressure groups as mere window dressing, the breed of executives — many of whom are female — started emerging in the late 1960s and blossomed in the early 1970s. Their development was due to a number of factors, not the least of which is the increase in anti-business feeling in many quarters and the mounting criticism of consumer activists.

Bandwagon

Some companies were looking for a way of dealing with sophisticated consumers and their distaste with the depersonalisation of the marketplace, while others were primarily concerned with improving their image and saw the burgeoning consumer movement as a worthwhile bandwagon.

While some companies merely changed the title of their public relations departments, others created new powers. When, for example, Mrs. Esther Peterson,

the acknowledged queen mother of consumer advisers, joined Giant Foods she was told she could try anything as long as it did not affect the company's profitability. Such new powers were not, of course, entirely altruistic but amounted to a recognition of the fact — long repeated by management but not always reflected by their actions — that better consumer service can mean higher profits.

But the move paid off for Giant, which staged something of a public relations coup in getting Mrs. Peterson — once described as the "greatest threat to private enterprise in America" because of her affiliations both with Johnson and the

consumer affairs departments over the past few years. Three years ago the consumer advisers formed their own association — the Society of Consumer Affairs Professionals (SOCAP). It now has some 600 members who periodically meet to examine their consciences and to try to define their function. According to a survey carried out by the business-financed Conference Board on consumer affairs departments, three-quarters of those studied had been formed during the last five years. Just over 60 per cent of them operated as self-contained units and reported to general management — rather than, for example, being part of a marketing division — while 18

take consumers seriously was a problem, as was putting the message across to the other autonomous groups within companies and obtaining enough money to perform their job properly. Sometimes it seems that while top management may be attracted to the idea of consumerism, middle managers are less impressed.

Cosmetic

The critics of these newly-created departments, which are usually staffed by people with backgrounds in either marketing or product service, claim that all too often the reorganisation is little more than

that her soul has remained so lucky. The consumer affairs adviser of one big food group complains bitterly — but anonymously — that the management only listens to her when it suits them. "They appointed me as a knee-jerk reaction to consumerism and now they don't know what to do with me."

Mrs. Virginia Knauer, President Ford's consumer affairs adviser, says she welcomes the way companies have put new stress on the consumer side of the business. As a good Republican herself, Mrs. Knauer favours the voluntary approach to improving the consumers' lot rather than legislation and points to the way food retailers have voluntarily adopted unit pricing in response to consumer demands.

No conflict

In her view there is no conflict between what is good for the consumer and what is good for the company. In a competitive market, she says, good customer service will show up in the profit figures. "Consumerism is a competitive device and he who survives the test is in for a pleasant surprise in the balance sheet."

Whatever conflict there may be however between company and consumer interest becomes even greater if the definition of the consumer is expanded — as the Nader groups and some others would like it to be — into the broader definition of anyone who is affected by a company's activities. A reduction in the air pollution round a factory, for example, might be in the interests of the consumers of that air but it might equally well mean less profit for the company running the factory. According to Mrs. Knauer, it's a question of balance: "There has to be give and take on all sides" but for the person in the middle, it could be difficult.

U.K. SALARY SURVEY

BY NICHOLAS LESLIE

More employees receive free medical insurance

AN INCREASING number of companies has been providing executives with free medical insurance in the last five years. However, the growth rate of such insurance — disclosed in a survey published yesterday — has been restricted in the past year, possibly because the Government has extended the tax liability on this fringe benefit.

The survey, produced by Inbucon/AIC Management Consultants, also examines managerial pay and finds that while the average salary for managers rose by 81.3 per cent gross in 1977, net — in the four years to July 1, 1978, the Retail Price Index increased by 83 per cent in the same period. The survey says it is clear that the national pay policy "has been very closely followed," in the year under review when the average gross salary increase of people covered in the survey was 7.5 per cent, or £494. But it is pointed out that the survey starts from July, 1975, whereas the £312 a year limit was introduced in the August. This indicates that a lot of companies were paying out salary rises in the month prior to introduction of the policy.

Increase

The rate of salary increase was therefore considerably less than the 23 per cent seen in the previous 12 months which gave rise to an average salary rise of £1,224 a year. The U.K. Inbucon survey covers 572 companies and 7,044 executives. Of the companies, 553 participated in the 1975 survey while 22 per cent of them were U.S.-owned and 8 per cent were subsidiaries from other foreign countries. The percentage of people given free medical insurance has more than doubled over the past five years. In 1971, 17.5 per cent of employees covered in the survey received this insurance. By 1973 this had risen to 26.4 per cent, and by 1975 it was 37.9 per cent. However, notification by the Government in 1975 that from this year everyone would be liable to pay tax on insurance premiums paid by companies

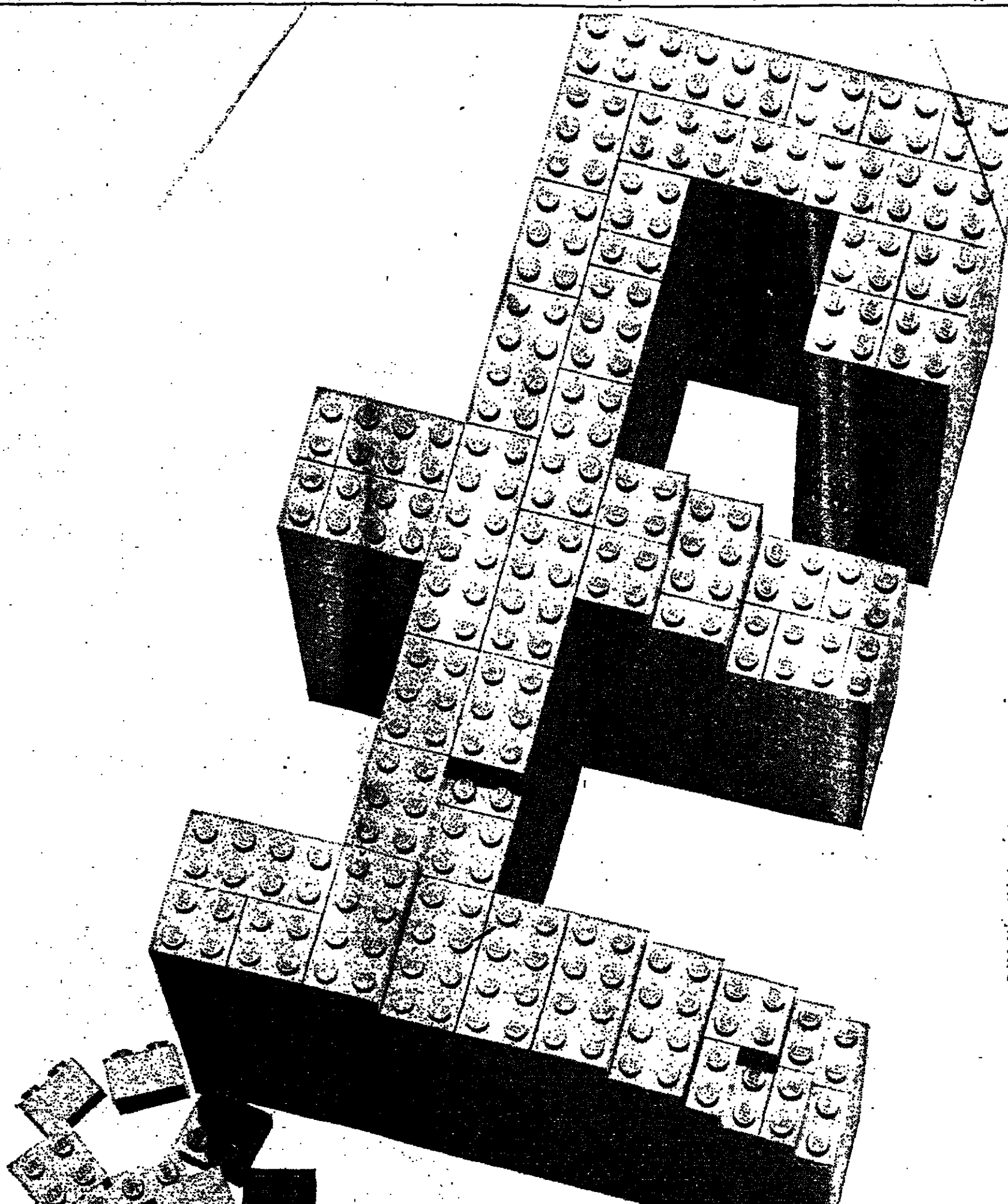
above. Salaries for personal executives rose similarly from £4,968 to £6,123, £7,906 and £10,239. For production controllers the figures were £4,192, £5,137, £6,089 and £8,192 and for heads of research and development they were £6,474, £8,806, £9,065 and £13,541.

The survey also looked at the proportion of managers who have a qualification, either academic or professional, which is specifically appropriate to their job. Finance and research executives were the most qualified. Among 731 financial executives polled, 81.3 per cent were qualified and of the 200 who were also company directors the proportion was 94.5 per cent. Of 188 heads of research and development 86.7 per cent were qualified, although the percentage drops marginally to 85.4 per cent in respect of the 59 who were also directors. One of the lowest incidences of qualifications was among purchasing executives where only 30.9 per cent of 434 surveyed were qualified and only 33.3 per cent were of the 24 who were directors.

Bonuses

Perhaps because of pay policy limitations, bonus payments are still a relatively uncommon feature among executives although they increased proportionately from 31.1 to 33.9 per cent in the year to July 1978 and for some people represented an important element of their total pay. Among managing directors 35.5 per cent received a bonus, the average being £3,438, representing 26.6 per cent of the average salary of £12,915. This was the highest percentage of bonus to base salary recorded, the next being sales executives whose average bonus of £1,643 represented 20.3 per cent of an £8,116 average salary. Among heads of work study 29.1 per cent received bonuses, but the average of £348 represented only 7 per cent of a £4,992 average salary.

Executive Salaries and Fringe Benefits in the U.K. 1976, Inbucon/AIC Management Consultants. 197 Knightsbridge, London SW7 1RN, price £40.



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FRIDAY, OCTOBER 29, 1978

Think of a number

THE HOUSE of Commons to the Cabinet. Ministers may still over-extend, but at least they cannot now do so without consulting two separate memoranda prepared for it by the Treasury. The first, and by far the more important, deals with the planning and control of public expenditure — in particular, with the new system of cash limits. Discussion of this paper will be resumed next week, but two points seem already to have emerged. The former is that the new system is by no means automatic. If a department appears to be under-spending on what is more probable, especially this year — over-spending, a particular decision has to be taken on the adjustment which must be made to its original cash limit; this also applies to over- and under-spending in individual blocks covered by the same department. Similarly, the means being used at present to keep local authority spending under as tight control as possible risk running up against statutory duties to provide minimum levels of service and leave open the question whether or not major constitutional changes will eventually be needed to control public expenditure as a whole.

Expenditure

The latter point to have emerged from the public expenditure discussion is that, for all its theoretical weaknesses, the new system is working reasonably well in practice. Because a large proportion of central Government expenditure is pay, the difference between out-goings and the original cash limit may not be all that great except in cases — for example, the National Health Service bill for drugs — where payments abroad are relatively large. The major problem in this first year, which will be less serious in 1977/78, is that not yet enough information is at present available about the profile of spending programmes during the course of the financial year, though it is now being systematically accumulated. The change that seems to have been decisive in practice, however, is that any expenditure to be debited to the Contingency Reserve now has to be referred

Comparisons

The revised presentation would reduce public sector expenditure as a proportion of GNP from 59/60 to 52 per cent, where it is much more in line with the proportions quoted in other countries. Politicians may regard the "presentational" point as important. But, in the first place, exact comparisons are extremely difficult, because of differences in institutional structure as well as of definition. In the second place, it would not be difficult by making further adjustments — for which a reasonable case could be made out — to reduce the figure to something like 45 per cent, or even lower still.

In the third and most important place, however, these figures are meaningless. There is no magic number, pace the new Nobel prize-winner in economics, Professor Milton Friedman, which represents a transition from solvency and order to economic and political disorder. The present level of public expenditure in this country is obviously too high, since it cannot be financed by non-inflationary methods without keeping the level of activity in the private sector considerably lower than it could otherwise be. But it will not necessarily be running at some objectively right level when the figure has been artificially or genuinely reduced to some lower percentage. If, economics, as simple as that, we would have no need of professors.

Time to secure a fishing policy

IT MAY be hard to believe for those not obliged to follow these things, but Britain may be approaching another fishing dispute with Iceland. The agreement finally reached last June runs out at the beginning of December. That agreement was only a triumph of British diplomacy and indeed involved accepting a catch lower than had originally been offered in negotiations before the cod war began. But it was an acknowledgment that the war could not be won except by a degree of force that it would have been politically out of the question to use, and also an acceptance that the 200-mile fishing limits declared by the Icelanders were on their way to becoming the rule rather than the exception. Not least, it bought time for Britain to work out its own future fishing policy within the context of the European Community. The next negotiations with Iceland will be conducted not by Britain, but by the Community as a whole.

Quotas

That time has not so far been used. The Community has yet to agree on the timing and details of its own joint move to 200 mile limits. There has been no agreement on the rights of the coastal State within the new limits and there is still no mandate for negotiations with third countries such as Iceland and — almost as important — Norway. Meanwhile, the international move to 200 mile limits goes on. Canada, Norway and the U.S. are all due to act early in the New Year.

The principal reason for the Community's failure to make progress has been the division of opinion about exclusive national zones within the 200-mile Community limits. The British and Irish have demanded zones of up to 50 miles, though the British have also said that they would be prepared to accept a more flexible system under which the British zone could in places be much narrower. The Brussels Commission and the rest of the Community have preferred instead a quota system for member countries with the exclusive zone no more than 12 miles. It has long been clear not only that the demands for wide exclusive zones were unlikely to be accepted, but also that much the same objectives of ensuring a certain catch and the preservation of stocks could be achieved by the quota system. For what matters is how the quotas are worked out and how far the coastal State has control over conservation and, ultimately, enforcement policy. If the British Government were able, even at this late hour, to bring itself to accept this, it could have considerable influence on the way the quota system is put into effect. As it is, time is running out. There will be a meeting of Community Foreign Ministers in Holland this week-end which will be devoted almost exclusively to the fisheries question. If it fails to reach agreement, the last chance will probably rest with the Community summit meeting at the end of November — only a day or two before the Icelandic agreement expires. It is a measure of the misguided nature of British policy that the Foreign Office in London has already started talking about the possibility of again having to deal with Iceland bilaterally if it were some kind of threat. It is, in fact, no more of a threat to anyone than the bluff by Mr. Crosland, the Foreign Secretary, that Britain will declare its own 200-mile limits on January 1, if the Community has not agreed by then on joint action. The fact is that Britain could no more enforce its own 200-mile policy alone any more than events have shown it can deal with Iceland alone. It needs Community support, and the way to win that support is to accept Community proposals in principle and then work on improving them.

The embarrassing Japanese trade surplus

By CHARLES SMITH, Far East Editor, in Tokyo

JAPANESE officials are wary of saying so openly, but their estimates for the country's trade and payments performance are proving to be wildly off the mark — on the credit side, of course. Japan originally thought that it would emerge from this fiscal year (ending in March, 1977) with a visible trade surplus of \$4bn. and a current account deficit of about \$2.7bn. Now it is being whispered in official circles in Tokyo that the trade surplus could well be over \$7bn., and in unofficial circles that it might be as much as \$10bn.

Such figures are a change from the situation of two or three years ago when Japan was worrying about its ability to pay for oil at treble the pre-1973 price, but to-day's situation also has its embarrassments. Japan has come under very severe pressure already this year to restrain the exuberance of its exports to the U.S., where it looks like running a \$3bn. trade surplus over the fiscal year. It could have even worse trouble with Western Europe where, in spite of reassuring noises made last week by a mission of top industrialists from the Keidanren (Japan's equivalent of the CBI), resentment against Japanese exports still appears to be intensifying.

The Keidanren president, Mr. Toshiro Doko, evidently felt alarmed enough after his talks with the EEC commission to tell a Press conference that Japan was ready to place voluntary restraints on its exports to Europe. But restraints of a kind are in force for certain industries already, without any very evident signs that the overall impetus of Japanese exports is being blunted.

How the trade surplus became so embarrassingly large is by now fairly clear. Japan's economy was still in the doldrums at the end of last year when demand was starting to pick up strongly in the U.S. Wholesale prices had been almost stable for a year and the price index for Japanese exports was actually down over the year by almost 9 per cent. American importers of Japanese cars and TV sets had run down their stocks to the minimum (about six weeks' supply in the case of cars) and were starting to build them up again in a hurry. Meanwhile, in Japan itself, the motor industry faced a discouraging situation with the prospect that recently introduced emission controls would dampen demand for cars that were going to be more expensive and less powerful than their predecessors.

So far as the internal effects of the export boom were concerned, it seems, in retrospect, that Japan would not have enjoyed the modest economic recovery it experienced this spring without the support of the booming U.S. market. The

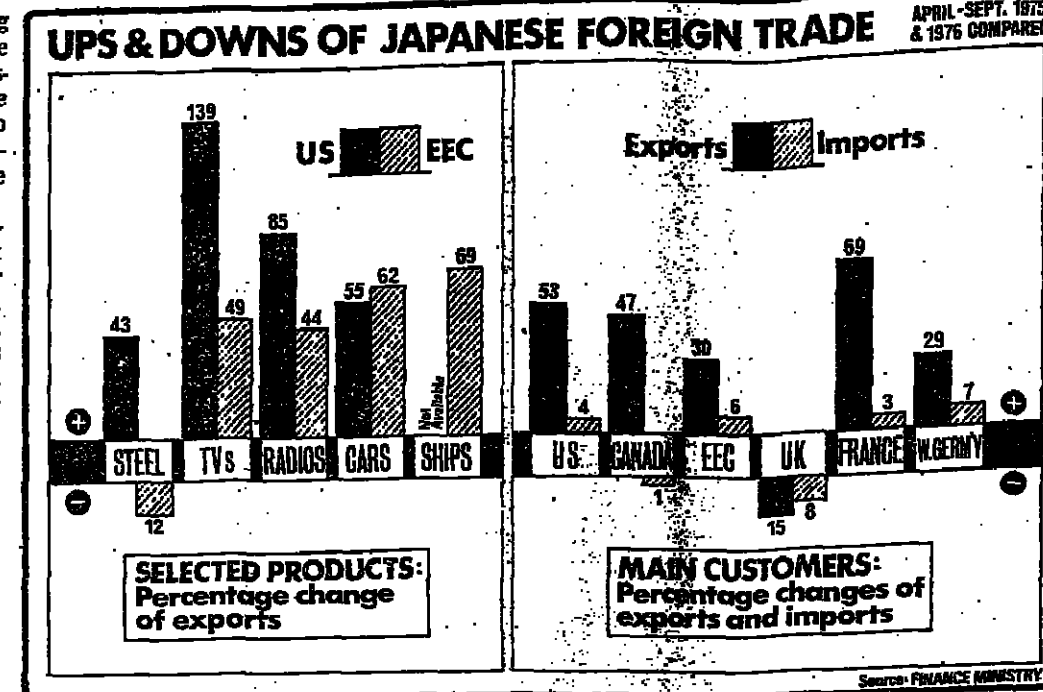
THE JAPANESE CURRENT ACCOUNT

	1975	1976
Year	Jan-March	Jan-March
Merchandise exports	+54,734	+12,379
Merchandise imports	-49,704	-12,224
Service exports	+13,497	+3,393
Service imports	-18,853	-4,906
Net transfers	+355	+67
Current account	+882	+925

Slight discrepancies of terminal digits due to rounding.

previous quarter. The American ambassador to Japan said recently the U.S. was no longer worried about the short-term movement of its trade balance with Japan, since the balance was only \$100,000 in Japan's favour between July and September.

The situation in Europe is different. The latest figures show that the boom in Japan's European exports, which started later than the American export boom, is still continuing, with third-quarter exports almost certainly showing a rise over the second quarter. And the deficits of most European countries with



Japan continuing to increase. The reason why the EEC is continuing to complain about its export imbalance with Japan is that the U.S. has, at least temporarily, ceased to do so, however, not simply a matter of short-term trends. Europe can plausibly argue that it suffers from a chronic imbalance of its trade with Japan, whereas the U.S.-Japan imbalance appears to be a cyclical phenomenon reaching its peak during or after Japanese recessions.

The U.S. has what can reasonably be termed a complementary trade relationship with Japan, buying large quantities of cars, TV sets, and other consumer products, but supplying in return both highly sophisticated goods like aircraft and computers and primary products like coking coal and wheat. Europe, by contrast, is basically

vast quantities of raw materials and processing them into manufactured products which usually contain a relatively low proportion of value added. Japan also invests abroad and will do so much more heavily in years to come, and runs a big invisible deficit (currently around \$6bn. per year). It therefore needs to earn a continuing visible surplus, and the only way it can do so is by exporting far more manufactured goods than it imports.

A mere 20 per cent. of Japanese exports are currently accounted for by manufactured goods, with the rest of the import bill made up of oil (34 per cent.), industrial raw materials (about 25 per cent.) and food. Most other advanced countries spend as much as 50 per cent. or 60 per cent. of their import bill on manufactures, and thus represent much bigger markets for one another, at least in relation to the size of their economies, than Japan does.

If the present Japanese course is maintained into the 1980s, it could lead (according to an estimate published 18 months ago by the non-governmental but highly regarded Japan Economic Research Centre) to a visible surplus in trade with the EEC of about \$17bn. by 1985. As it happens, that would be slightly less than the deficit Japan by then expects to be running with the Middle East oil producers.

The Japanese Government seems not to have given much thought to the possible implications of such an imbalance with a single region during the two years or so following the 1973 oil crisis. It was far too busy during that time coping with the effects of tripled oil prices, domestic inflation, and with the acute recession which followed. Recently, however, the growth of the trade surplus

and the protests from trading partners have obliged the Japanese to consider the problem. The official long-term view on how the problem can be solved can be stated under two headings:

● As times goes on, Japan will tend to consume less raw materials in relation to its industrial output and will therefore (in theory) no longer have to push out such big quantities of manufactured exports in order to pay for its imports. The trend towards lower raw material consumption will be accomplished by increasing the contribution of high value-added industries to Japan's GNP and reducing the relative importance of low value-added industries such as shipbuilding and steel.

● Japan will diversify its exports both in terms of markets and products so as to cause less trouble to individual countries in the outside world. So far as markets are concerned, there will be more scope for trade with the more advanced developing countries such as Brazil, Iran or Nigeria, and also perhaps with some members of the Communist bloc. China, which is in a position to supply Japan with huge quantities of raw materials and which represents an equally vast potential market for Japanese capital goods exports, is a possible complementary trade partner for Japan, but its actual emergence in this role depends on the political will of the Chinese Government.

Turning from market to product diversification, the Japanese see a future for themselves as suppliers of industrial plant to the developing world which they believe would be less productive of friction than their present role as suppliers of consumer goods to the markets of other developed countries. Japan was a minor exporter of plant work in opening the Japanese market to British imports a year or two ago, but this year the country looks as if it remains to be done.

MEN AND MATTERS

Insurance inflexibilities

The Insurance Companies (Intermediaries) Regulations 1976 which came into force on October 11 seemed straightforward enough in that they required an insurance salesman to tell a customer in writing of certain links his firm may have with the companies whose policies he is selling or recommending. It has resulted in leading insurance brokers Willis Faber and Dumas severing their links with the Cornhill Insurance company — which it founded in 1905.

Although the majority shareholders of Cornhill went to Thomas Tilling in 1944 and the remainder in 1973, Willis Faber still had two directors on the Board: Julian Faber and Ronald Taylor. Yesterday, it was announced that they had both resigned their Cornhill directorships because of the obligations imposed by the regulations. Taylor explained that had they remained on the Board and a clerk with Willis Faber had failed to disclose the connection verbally and in writing, they could be subject to criminal prosecution. Willis Faber felt that this put too large a responsibility on its staff.

The Department of Trade declared: "People who buy insurance policies through intermediaries sometimes receive advice without also being told of any connections there may be between intermediaries and insurers, which may influence that advice. The new regulations are intended to bring these matters into the open, and also to specify how their existence should be made known to prospective policyholders."

Sounds rather inflexible, and Taylor said that they had sought exemption from the regulations but there was no provision for such a move. But who would have faced punishment? The Department of

HK way up

There can presumably be few better training grounds for a top banker than eight years in "the most competitive place in the world." That is Lord Barber's description of Hong Kong, the former Chancellor of the Exchequer, who is to have as his new managing director Peter Graham, who ran things in Hong Kong from 1962-70.

That was pre-merger with the Chartered Bank organisation, and also a time of swift expansion. Graham, who had joined the bank in Hong Kong in 1947, and had various overseas postings before returning to take charge, found himself at first running a business with three branches. One was quite reasonable, another had been taken over from a failed rival, and the third was a wooden shack on the colony: to-day it has over 70 making its network half as large again as Hongkong and Shanghai's.

The group amalgamation took place in 1969 and for a long time was merger in name rather than fact. But integration of the far-flung organisation is now considered more or less complete, and Graham says nothing should be read into the fact that Ronald Lane, managing director until next April, was a Chartered man too. Graham, who is 54, is credited with organising a key conference of SC people a year ago at which the "where are we

going world-wide" issues were well aired. One problem on individual rather than corporate destinations faced by an international company is that of relative rewards: Graham agrees cheerfully that "a tremendous number" of less senior staff abroad enjoy a higher standard of living than he does (about 500 of the 35,000 employees are expatriates). With Britain's present tax structure, he reckons there is "no way to make anyone financially better off" when bringing them back to home base.

ICI line-up

The appointment of new deputy chairman at ICI inevitably sets off speculation about the next chairman of the country's biggest industrial company. The present incumbent, Sir Rowland Wright, is just turned 61, and on past form could retire in another couple of years with a successor coming dependably from the three immediate deputies.

The new face in that line-up is 53-year-old Bill Duncan, who says of the chairmanship question: "I haven't really given it a great deal of thought." Duncan is a Scot and ICI made a point yesterday of stressing that he joined the group straight from school, working as an apprentice engineer on the explosives side. His higher education, tackled while working for ICI, was later rounded off with first class honours in mechanical engineering at Glasgow University.

Duncan became the first president of ICI North America ten years ago and was chief executive in North America until 1973, playing an important part in the Atlas Chemical Industries acquisition in 1970. He is still chairman of the Americas division. He also heads the group's crop protection side and is in charge of commercial affairs. The last gives him ultimate responsibility

for external relations with Government and Press. Duncan, a National Enterprise Board member, reckons that ICI has become a good deal less introverted in recent years; the public is soon to be reminded of the giant's existence with a new corporate publicity campaign to succeed the successful "Pathfinders" and "Ideas in Action" series.

LME step-down

The Wolff family has long been a feature of London's commodity scene. Rudolf Wolff founded his metal dealing firm in 1877, and one of his sons, Jimmy Wolff, was chairman of the board and the committee of the London Metal Exchange for at least 20 years.

The board, says Freddie Wolff, the present chairman of the family concern, is the LME's House of Lords while the committee is its Commons, tackling the administrative side of life. He has been chairman of the committee for the last six years, and announced last night that he will step down next April.

In 1971 he became chairman of the Federation of Commodity Associations and more recently was elected a member of the committee to establish a world commodities centre in London. Now 66, his LME chairmanship looks short compared with his uncle's, but matters were much more formal and less demanding in his time. Freddie Wolff reckoned that his uncle's contemporaries "would be turning in their graves if they knew the problems we face to-day."

Swinging

Optimism is not dead. At Waterloo station the other evening, a young man was sighted carrying two pot-planted oak saplings and a canvas hammock.

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Don't write off the Labour Government

AN THE Labour Government survive? It is a legitimate question after the past four weeks. A month which begins with a howling row at the Party conference, proceeds with a proposed and crashing sterling crisis and ends with rumours that the Chancellor will resign, is one of those periods that can batter a survivalist's determination into submission. For a Government with an undoubted Prime Minister, a majority in the House of Commons and the bleakest economic outlooks before it, it is not the coup de grace?

The Conservative Party and numerous observers in Fleet Street and the City evidently believe that Mr. Callaghan is on a skids, but they should beware of premature rejoicing. The Government is obviously under greater pressure, both internal and external, than it has been at any time since February 1974, but a reasonably balanced judgment is bound to include that the Prime Minister still has a fair chance of fulfilling the pledge he made to Mrs. Thatcher in the House of Commons on Tuesday: "I promise that I shall be here with the Government for a very long time."

The most important factor in the situation is obvious enough. It is worth repeating at the end of the argument in case it has been lost from sight in the excitement of the crisis. The point is that under our existing constitution it is incredibly unlikely that a Labour Government will fall to internal rebellion while it has the support of the most powerful of the union leaders, and the majority of the TUC General Council.

This fundamental experience can be clearly seen in operation at this juncture. The Left wing, the faction most likely to rebel against the present trend of Government policy, is in a majority in the National Executive of the Party because for the time being it holds some trade union seats, as well as the hard-line constituency bloc. Its activities in this forum and at Party Conference can and do embarrass the Government but it cannot do mortal damage or even seriously deflect the Government's intentions, because it cannot call out its votes in the places where it really matters, namely in the Cabinet and the Parliamentary Labour Party.

In theory, Mr. Wedgwood Benn or the Tribune Group could bring down the Government at any moment, but they dare not do so, even if they wanted, unless the trade union leaders had reached such a point of disenchantment that they decided they could hardly be worse off under the Tories than they were at the moment. The reason is, of course, that the unions are the guardians of the Labour movement's conscience and mythology, and so long as they are likely to brand anyone who brings about the return of Mrs. Thatcher with an indelible label of "traitor," the Left cannot risk rocking the boat too much. What is more Mr. Callaghan knows it, and the Left knows he knows it.

This situation could be undermined in a variety of ways. Mr. Callaghan might just lose his nerve and try to climb into a coalition with the Conservatives—in which case it is he who will be denounced for treachery. The



Mr. Healey speaking at the Labour Party Conference.

Conservative leaders might succeed in their present aim of convincing the trade union rank and file that a Conservative Government would not be nearly such an ogre as they have been taught to suppose. The Parliamentary Labour Party's morale might simply collapse. The clash of policies or personalities within the Cabinet might lead to a break-up. But any or all of these factors would have to work against the strong cohesive power of a trade union Govern-

ment. What is more, none of the possible forms of decay listed above is as yet very far advanced.

We may dismiss the first possibility out of hand. The Prime Minister shows no signs of losing his nerve, and if he did so he would be more likely to pull down the pillars of the temple with a general election than to defy the ghost of Ramsay MacDonald. The second scenario is equally implausible. It may be true that the siren

voices of Mrs. Thatcher, Mr. James Prior and Sir Geoffrey Howe may over a long period, blunt trade union memories of the Industrial Relations Act and all the rest of it. But in so far as the operation works at all in the short-term, it will probably tend to assist Right-wing trade union leaders in their struggles against the Left within their unions; and in many sectors of industry it is precisely these Right-wing leaders who are most likely to support the Government.

The situation inside the Cabinet and the Parliamentary Labour Party is clearly much more serious and, because it involves intangible questions of political psychology, far more difficult to be certain about, except on a very short time-scale. Let us start with the Cabinet, where one would logically expect the rot to begin. Here we immediately encounter a paradox. The Cabinet is, by all accounts, demoralised in the sense that its members are collectively deeply worried and dejected about the turn of events—particularly the rise in minimum wage rate which threatens its entire growth strategy. But in another sense it is not demoralised, for members of the Cabinet are not as one might expect quavering about what ought to be done to rectify the situation and re-establish some freedom of manoeuvre.

This rather odd result derives in part from the personality of Mr. Healey which, in spite of everything, still dominates the economic discussion; but still more from the fact that there is so little room for manoeuvre at present. The prospective International Monetary Fund

terms cannot be refused and their implications must be digested in terms of public expenditure and taxation. There is certainly going to be fierce argument about exactly how the public sector borrowing requirement is to be reduced to conform with IMF requirements. But that argument is manageable, given that the IMF drawing is a manifest necessity.

Thereafter, there is not much choice either. Nobody at Cabinet level seems to dispute that the best outcome would be to shore up confidence and stabilise the exchange-rate by the kind of massive American and German underpinning in which the Prime Minister has now publicly committed himself—although it must be obvious to the Left that the adoption of this strategy precludes the past remedies of import controls and sweeping defence cuts. But even if that does not come off, nobody has yet indicated that the even deeper austerity which might be required to stave off yet another sterling crisis next year is beyond their political breaking point. The chances are that after many months of insipid recession the alliance with the unions would start to break down and the difficulties would feed back to the Cabinet. But that is still a good way off.

Against this background, it is hard to see the Prime Minister and Mr. Healey parting company. Mr. Callaghan has obviously been irritated by what he regards as the financial mismanagement of the Treasury and the Bank of England and he must be as aware as everybody else that his Chancellor has personally lost a lot of credibility with the world at

large. On the other hand there is no question of the Prime Minister having lost faith in the broad economic strategy which Mr. Healey and he had devised earlier in the summer and he is obviously hoping to be able, with external support, to return to it early in the new year.

He cannot ditch Mr. Healey at this stage without appearing to abandon that strategy—and besides, there is no plausible alternative. Mr. Callaghan is now tied up for the European Presidency. Mr. Harold Lever's health might not stand the strain. Mr. Edmund Dell has no following in the Party and is strongly suspected by the Left. Mr. Peter Shore's Left-wing antecedents and anti-EEC proclivities would not exactly be reassuring to the international community. My guess is that providing he does not himself lose heart or health, the Chancellor, like the Prime Minister, is there for some time.

The truth is that the Government must now depend for any worthwhile existence on the creation of hope. The Labour Party is a ramshackle alliance, but one kept together with strong bonds of sentiment and loyalty. It can withstand a great deal of battering and hardship. But there is no way in which it can avoid either of these during the next 12 months and its recuperative powers are not unlimited. Being, moreover, a party which lives on optimism and the idea of progress, it is particularly susceptible to the psychosomatic effects of depression. If the Prime Minister's strategy of industrial growth can be re-established fairly quickly, I would predict a long life for the Government. If it cannot, then there will be a period of decline, surprisingly protracted perhaps, but leading to an inevitable conclusion not later than the spring of 1978.

Backbenchers

But what about the Labour Party in Parliament? It is here, I believe, that the Government will have the most difficulty—not because there is likely to be any organised or major revolt, but because no government can govern indefinitely without a certain amount of willing support from its back benches. A dead weight of obviously irritated by what he regards as the financial mismanagement of the Treasury and the Bank of England and he must be as aware as everybody else that his Chancellor has personally lost a lot of credibility with the world at

Letters to the Editor

Employment subsidy

om Mr. A. Brathwaite.
Sir—I refer to your page one article of October 23rd in which you state that the cost of the employment subsidy is £100m. Is it not time to ask Mr. Callaghan if he is truthful with us? I see, here is the difficulty, everyone is "cautiously optimistic." Mr. Callaghan says steady as she goes, but no one gives the facts.

The point I am making is that the claiming by employers of temporary employment subsidy is now in full swing—in the Leeds alone I know of several firms taking full advantage of this subsidy. I can only assume that there must be several hundred firms now drawing temporary employment subsidy. If this is the case, then the idea of unemployment must be enormous.

It is not wholly true to say, as people are being kept in employment so that they will be able when the upswing in economy begins. Many firms drawing temporary employment subsidy merely to put off evil day of close down, which inevitably come to them. Mr. Booth must know that the jobless total fell by 100,000 in the last year. If temporary employment subsidy had been taken out of account it would no doubt have risen.

A. Brathwaite, 150, Brathwaite and Scholey, St. Paul's Street, Leeds.

Inflation accounting

From Mr. D. Forrester.
Sir—As the dogmas and inflation accounting techniques of Schmalenbach, Schmidt, and Lünperg have found wealthy acceptance for present British conditions, we may draw attention to an older and robust alternative recently resuscitated for different purposes. In place of using general or specific price-indexes retrospectively, a market-based one-year interest rate could be applied from the beginning of each accounting year to give, with depreciation, the current cost of capital employed in fixed assets and to give costs of sales and inventory values which reflect full factors of production. Specific and disclosed provisions would need to be made and vetted when inventory values exceed realisable values net of future full costs.

Centenials after totalitarian experience fear political manipulation of indices, and could prefer a market rate which has an important role in counteracting inflationary policies, and which must anticipate inflation and secure some real return for lenders. Indeed, a German Institute of Wirtschaftsprüfer recommended a supplementary reduction of historical

Speculation in commodities

From C. Clay.
Sir—I was surprised that Mr. Burton (October 26) thought it appropriate to state that "the market was free of speculation." The lower price levels would prevail, which he did on the premise that "after the dust has settled, commodities invariably appear in a higher price bracket range with detrimental results to user industries." Commodities, to speculators, can only be another form of temporary investment of their funds. It would seem that, on Mr. Burton's reasoning, speculation on the Stock Exchange in December 1975, which resulted in higher prices for stocks and shares. On that point, alone, one must conclude

Unit Trust operations

From the Managing Director, M and G Group.
Sir—Although I feel sure Mr. Potts (October 25) chose his words carefully, his letter will give credence to a common misconception over unit trust operations which is worth correcting, particularly in the context of his argument about management charges.

It is not correct to say that an increase, even a significant increase, in the initial management charges would necessarily result in a rise in the spread between the bid and offer prices of units. This spread is determined by the commercial policy of the managers who buy units from sellers and resell them to buyers, and a study of unit prices will confirm that there is no necessary correlation between the spread and the initial charge. The point may perhaps be best illustrated by taking the case of a unit trust with no initial charge (yes, there is one) and observing that it displays a spread greater than many trusts with initial charges of 5 per cent. The size of the initial charge, would, of course, be directly reflected in the maximum spread (that is the gap between issue and surrender prices of units), but that is another matter; the much narrower spread which operates in practice is determined by competition and any connection with the initial charge is psychological, not mechanical.

On the more general point, it is worth observing that no increase in the annual charge could conceivably be made without the approval of existing unit-holders. In deciding to reject a proposal for an increase, the unit-holders would have to take into account the possibility that the managers might be unable to maintain good standards of service or might indeed quit the business altogether. In this context, the marketing slogans of the 1960s are not, perhaps, as relevant as they might appear.

E. W. I. Palamoutian, M and G Group, Tower Hill, EC3.

Marketing overseas

From Mr. J. Christman.
Sir—It was encouraging to hear the Prime Minister in his Panorama interview (October 25) stress the need for regeneration of our manufacturing industry. It will grow when it has a steady demand for its products and it was incredible to listen to 50 minutes of debate without any reference to our overseas marketing effectiveness.

Mr. Callaghan referred to a Midlands manufacturer who could sell his products at a high price which indicated that sterling is undervalued and that British goods must now be highly competitive on price. He also emphasised the importance of reliable delivery performance. But penetration of overseas markets is time consuming and costly. Most companies can only hope to service selected territories and at best, in other markets, they are dependent upon agents who frequently claim a percentage of profit out of all proportion to their product marketing effort.

While the Government is currently spending vast sums of taxpayers' money on aid to industry, temporary employment subsidies, the National Enterprise Board and numerous other agencies, could it not be making a much more positive contribution by true involvement in overseas marketing? Might not an overseas trading corporation contribute far more to industrial growth than the current NEB, DOI and other agency support programmes? A trading corporation could agree with manufacturers the markets in which it would promote their products and those in which they wished to continue servicing themselves.

Long established commercial trading companies operate profitably in virtually all colonial territories. Suitably constituted national, regional or industrial sector corporations need not be unprofitable while increasing sales of manufacturers' goods in wider markets than can be achieved by individual company effort.

Broader based overseas marketing would reduce vulnerability to political or economic problems in particular countries and should assist in securing the capacity balance which enables industry to invest with some confidence. J. F. Christman, 10 Madison Avenue, Chesham, Bucks, Chesham, Chesham.

To-day's Events

GENERAL
Inauguration of Selby, North Yorkshire, coalfield. Lunch speakers include Mr. Anthony Wedgwood Benn, Energy Secretary, Sir Derek Ezra, chairman, National Coal Board, and Mr. Joe Cornfield, president, National Union of Mineworkers.

British Rail and railway unions discuss fare levels.

CBI Economic Situation Committee meets.

Sub-Committee B of Select Committee on Nationalised Industries begins visit to U.S. and Japan as part of its enquiry into British Steel Corporation.

Breakaway Scottish Labour Party begins three-day assembly, Stirling.

PARLIAMENTARY BUSINESS
House of Commons: International Carriage of Perishable Foodstuffs Bill, National Health Service (Vocational Training) Bill, and Endangered Species (Import and Export) Bill, remaining stages.

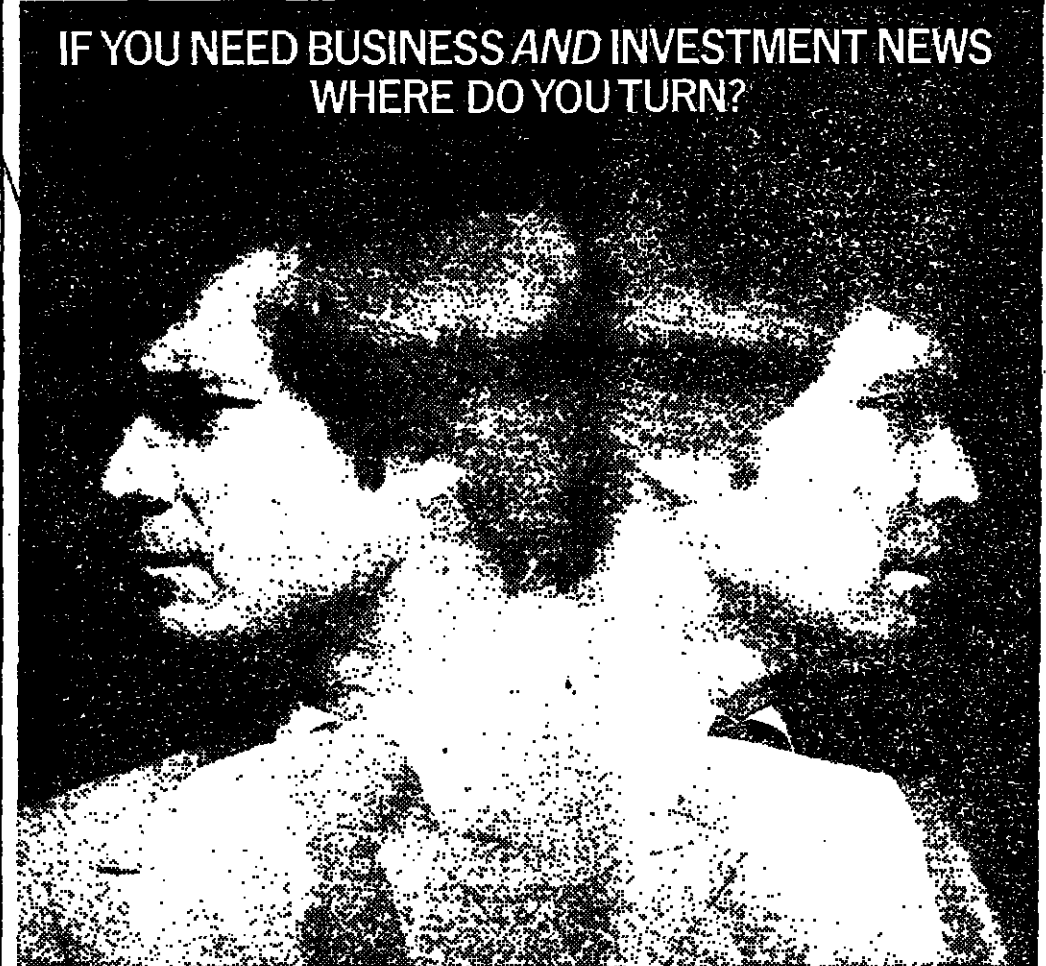
House of Lords: Education Bill, third reading. Supplementary Benefit (Amendment) Bill, report stages and third reading. Energy Bill and Companies (No. 2) Bill, consideration of Commons amendments.

OFFICIAL STATISTICS
Bricks and cement production (September).

COMPANY RESULTS

Amalgamated Metal Corp. (third quarter). J. Hepworth and Son (full year). John Menzies (Holdings) (half-year).

COMPANY MEETINGS
Celtic Haven, Burton, Dyfed, 12.30. Deund, 13, Saint Helen's Place, E.C. 12. Guinness Peat, Winchester House, E.C. 10.30. Parker Timber, Erith, 12. Rivlin (I. D. and S.), Winchester House, E.C. 2. Smith Brothers, Institute of Chartered Accountants, Moorgate Place, E.C. 12.30. Southern Kinta Consolidated, 55-61, Moorgate, E.C. 12. Stewart Plastics, Croydon, Surrey, 11. Tor Investment Trust, Swansea, 10.15.



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INVESTORS CHRONICLE
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The standard of living

From Mr. M. Buckland.
Sir—It is generally appreciated that the immediate short-term effect of devaluation is advantageous where the value of trade is in deficit. A £100m. deficit of £800m. with the pound at \$2.40m. increases to £500m. when the pound falls to \$1.60.

Despite the evidence of Germany which appears to prosper in continued revaluations, Britain which staggers from devaluation to devaluation, the longer term effects are equally disadvantageous. Following a devaluation of the pound 20 per cent. (from \$2 to \$1.60) we have witnessed this year a necessary increase in the value of exports by no less than

aiming greater industrial democracy

From the Managing Director, Amazon.
A company's success and survival depend on a complicated mix of factors, including the interests of five main parties: customers, shareholders, employees, suppliers and the community or State. This is difficult, because there is conflict between all of them, and often within these parties.

A Board must maintain as fair a balance as possible between five groups. If we thought that workers' representatives on company Boards would have this or any other single end, this letter would be unnecessary. Our experience is that it is most unlikely to do so. This form of participation has the following weaknesses:—

1. It raises employee representatives to the policy-making level, it leaves the decision-making to the State. The results are that: (a) the worker has a true voice in the company, but lacks the knowledge, experience or skill to participate in such decisions, or (b) you train him or her to the point where he or she is required when he or she is to be more representative than existing directors to have come up through the company, (c) in either case the

Constitutional crisis

From Mr. W. Gibbons.
Sir—Rupert Cornwell reports (October 27) that the House of Lords is likely to give way to Government threats and "not provoke the constitutional crisis of which the Prime Minister warned—at the crunch they would be the losers." If it does give way then the country will most certainly be the losers and our political future will be bleak indeed.

The last 50 years has seen the virtual abdication and removal of constitutional responsibility by the Monarchy, the severe restriction of power and threatened dissolution of the House of Lords and ever-increasing dictatorial powers seized by chosen representatives from Transport House and Central Office under the disguise of a so-called "democratic" process. It is no coincidence that the decline of

Employee involvement in Board decisions

Employee involvement in Board decisions could, therefore, be the eventual result of participation starting at the workplace. To impose it artificially from the top, however, is likely to produce the situation existing in some EEC countries, where the letter of the law is satisfied but little true participation seems to take place.

If we must have a law on participation, let it place obligations on the existing boards to look after the interests not just of shareholders, but also of employees, customers, suppliers and community. Let it also give legal backing to participation which is likely to mean something. Where representation is needed, let it be by truly democratic election and not within the power of any minority grouping.

Much that is good comes from the EEC. Legally enforced "participation" has been proved by the EEC to be relatively unsuccessful. We should resist it here and concentrate on developing our own forms with the object of making ourselves more effective and getting the country out of the current economic mire.

Peter Cakebread, 10, Kalamazoo, Northfield, Birmingham.

Who does have to work about his money?

The Leicester investor.

shop-floor is unlikely to detect

any change in the impact which its views seem to have on Board level decisions.

The pressure is political and is not aimed at making industry more effective which is essential for this country's recovery from its economic troubles. Surely we should ask not only "how" industrial democracy is to be achieved, but "why" or "whether" it is desirable?

It seems hypocritical to cry for greater industrial democracy while insisting that by law participation shall involve only trade union appointed representatives, even where they do not speak for the majority of those employed.

The political glamour associated with "worker" directors blinds us to, and even takes us away from the sort of participation which could really be effective—the involvement of people in the decisions in which they are equipped to participate, for example affecting their work, pay or conditions.

We believe that such participation is both sound and essential. It must, however, start in the areas which people really understand. As the participant's experience grows the level at which they can participate rises.

COMPANY NEWS + COMMENT

McKechie tops forecast with £12.29m.

AGAINST A forecast of some £10.5m, group pre-tax profit of McKechie Brothers increased to £12.29m. for the year to July 31, 1978, compared with £8.96m. for the previous year. At half-way profit was £5.25m. (£5.13m.). Turnover from the year advanced from £105.5m. to £109.7m.

Earnings per 25p share were 13.7p (7.7p), and 13.5p (7.7p) after extraordinary items. A final dividend of 2.55p (2.1p) lifts the net total from 2.55p to 3.90p.

Profits exclude appreciation on metal stocks of £498,000 (£551,000 depreciation) credited to stock reserves.

The principal South African subsidiaries have adopted a "first in first out" method of valuing stocks at June 2, 1978. The results incorporate the accounts of those subsidiaries on this basis.

As a consequence the results are not directly comparable. If "first in first out" method has been continued pre-tax profit would be £12,440,000, against £8,960,000 (£5,510,000 depreciation) after extraordinary items.

1977-78	1976-77
Group turnover	105,500
Operating profit	8,960
Share associates	1,000
Interest charges	1,470
Profit before tax	8,490
Taxation	3,540
Outside holders	2,430
Attributable	14,500
Preference dividend	10
Ordinary	1,710
Extraordinary	1,180

comment

McKechie is 23 per cent. ahead pre-tax. But flat trading in South Africa has held the minorities charge so at the net attributable level profits are actually 77 per cent. higher taking earnings per share up to 13.7p.

Moreover, adjusting for the switch to LIFO accounting in South Africa brings in an additional 1p. New Zealand is up but the recovery has occurred largely in the U.K. and this picture fits in with that painted by both Delta and IML. Capacity utilisation at home rose to 75 per cent. to 80 per cent. by July whereas at the start of the year it was barely 60 per cent. Chemicals are down but both semis and consumer products are higher, and the second half took in roughly £1m. of exchange profits. McKechie's pattern of trade has shifted noticeably towards the U.K. over the past two years, and South Africa is expected to stay relatively weak in 1978-79. But the group is

HIGHLIGHTS

Against a background of continued recovery in tyres and cables, Dunlop has increased its interim pre-tax profits by 62 per cent. to £32.1m. U.K. exports rose by a fifth during the six months to £80m. Lex also comments on the interim results of English Property and the annual report of Glaxo. Elsewhere, McKechie is 23 per cent. ahead in its pre-tax profits for the year but flat trading in South Africa brings the rise in net attributable profits to 77 per cent., given the same minorities charge. William Press has virtually doubled its interim profits and could be heading for £7m. for the full year. Despite a sharp drop in interest charges at the Glaxo Group, profits have fallen by 40 per cent. at the half-way stage. Finally, Wood Hall Trust has beaten its forecast of £3.5m. annual profits with a turnover of £5.6m.

Sheepbridge 25% ahead so far

ON TURNOVER increased from £21.8m. to £23.36m., pre-tax profit of Sheepbridge Engineering rose by 25 per cent. from £1.63m. to £2.04m. in the six months ended September 30, 1978.

The directors state that orders received by Sheepbridge Equipment show an improvement, and inquiries are buoyant. Elsewhere in the group demand continues strong, and another good year is in prospect.

Interim dividend is lifted from 1.125p to 1.234p net per 25p share. Last year's total was 3.10p after pre-tax profits of £4m.

Sales

Profit before tax

Taxation

Net profit

Minority

Attributable

1977-78

1976-77

1975-76

1974-75

1973-74

1972-73

1971-72

1970-71

1969-70

1968-69

1967-68

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FINANCIAL TIMES SURVEY

Friday October 29 1976

Fund Management

Fund management has become increasingly important in recent years—for individual and institutional investors alike. Growing expertise has been accompanied by a steadily widening choice of funds on the market, ranging from the general to those with a specialist flavour.

The Save & Prosper solution. A wide range of funds with tax-efficient insurance services to match.

Investment needs to be considered in two ways. First, the underlying investment itself, either equities, property, fixed-interest or a balance of all three, and second, the method. The choice of investment and the method will depend on individual circumstances at the time the investment is made. At Save & Prosper we offer a wide range of funds and associated investment and insurance services. These can help you to realise your financial objectives in a simple and tax-efficient way to suit your individual circumstances.

About Save & Prosper

Founded in 1934, Save & Prosper Group manages assets, currently of around £700 million for 700,000 investors, both in the UK and overseas. The funds invest in equities, property, commodities, fixed-interest stocks and deposits. The associated services include regular and single premium insurance plans, pool fees plans, annuities and pension schemes.

A WIDE RANGE OF FUNDS

Investment in stocks and shares

Broadly-based funds—We offer a number of funds spread across a broad range of stock market sectors on a worldwide basis designed for the investor who wishes to obtain the benefits of a wide spread of stocks and shares, the actual balance being decided or varied by the fund's investment managers.

Specialist funds—We also offer funds which concentrate on specific investment situations both in the UK and throughout the world. These funds are primarily intended for the more active investor who is seeking a broad spread of shares within a particular country or stock market sector.

Funds offering a high or increasing income—A number of our funds are designed for investors who are seeking an above-average income or a high and increasing income from their investments. In view of this aim, the assets of these funds are presently almost entirely made up of UK shares, though the managers have the freedom to invest abroad if this should be judged appropriate at any time.

Property

One of the few practical ways that the private investor can make an investment in this sector is through a property fund such as the Save & Prosper Property Fund. The Fund is currently invested in a broad spread of high quality shops, offices and commercial properties.

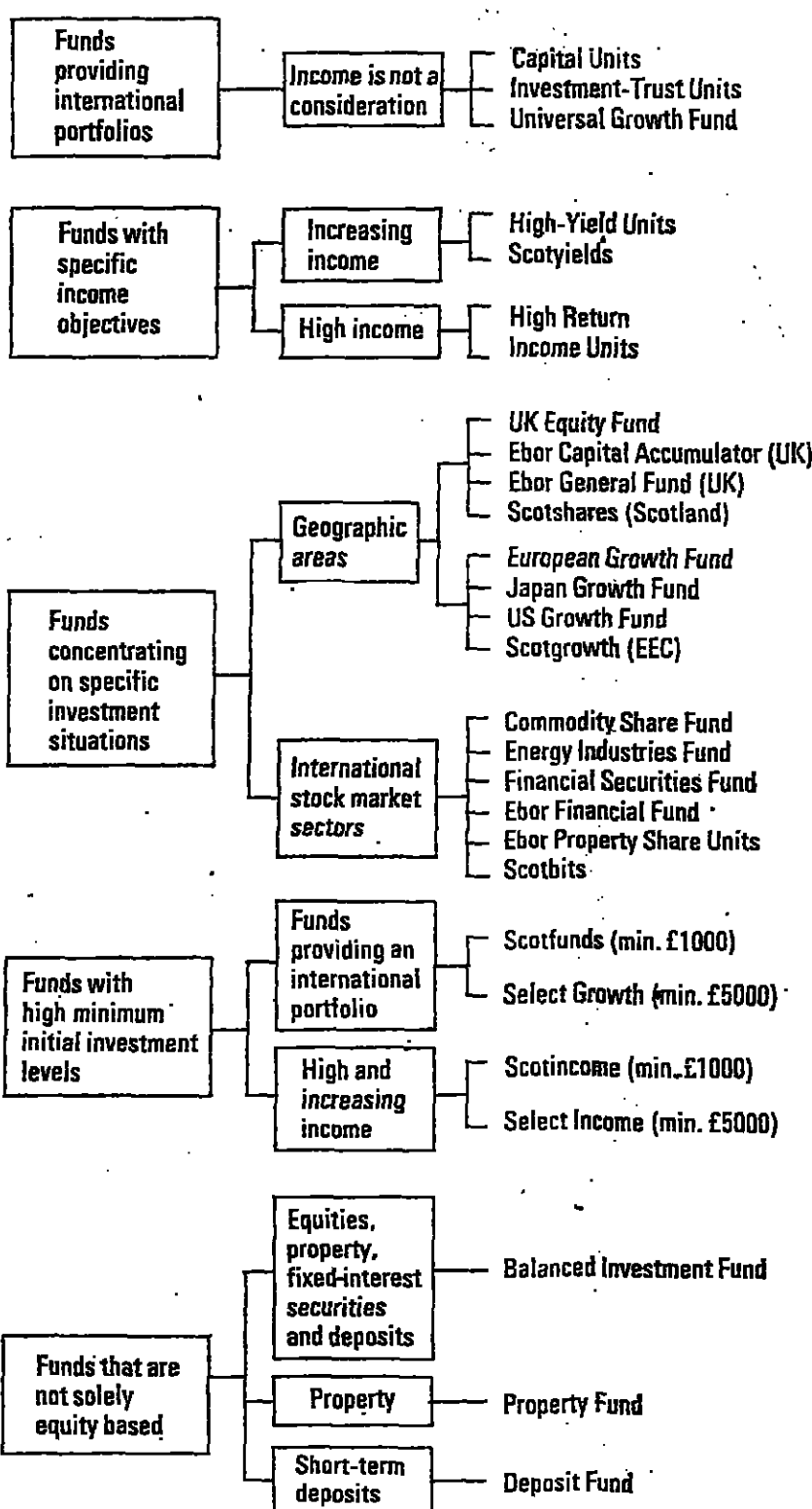
A balanced portfolio

The Save & Prosper Balanced Investment Fund is invested in a combination of property, equities, fixed-interest securities and deposits and aims to provide a balanced portfolio in a single transaction. The fund invests in equities through the Group's trusts and in property through our Property Fund.

Deposits

The Save & Prosper Deposit Fund is invested in fixed-term deposits through the London money market and provides a valuable haven for capital in times of uncertainty, pending a turn to longer-term re-investment.

SAVE & PROSPER FUND SELECTOR



Further information

You can obtain further details about our funds and insurance services direct from Save & Prosper at 4 Great St. Helens, London EC3P 3EP or any of our branches. Alternatively, you should contact your usual professional adviser—stockbroker, insurance broker, accountant, solicitor or bank manager.

Professional advisers requiring further information should phone Save & Prosper Services on 01-831 7601.

TAX-EFFICIENT WAYS TO INVEST

There are basically four ways to invest in our funds and each offers certain tax advantages over direct investment in shares.

Investors may invest directly in the units of a unit trust fund; they may purchase an Investment Bond linked to the fund of their choice; they can exchange shares for units or Investment Bonds; and they can build up capital through regular investment.

Direct investment in units

A unitholding is the simplest way to invest in any of our unit trust funds and this offers certain capital gains tax advantages over a portfolio of shares held privately. Unit trusts currently pay tax on realised capital gains at a rate of 17½% on switching investments. When a unitholder disposes of his units at a gain he is at present entitled to a credit of 17½%, to be offset against his personal tax liability on that gain.

In practice this means that a unitholder's personal liability to capital gains tax will be between nil and 12½%, compared with rates of between 17½% and 30% to which private investors are now normally liable on a disposal of shares.

Investment Bond

The Investment Bond is generally more suitable for higher-rate taxpayers who want to benefit from the higher-yielding trusts over the long term, but do not want to increase their current taxable income. For those higher-rate taxpayers who want to supplement current income, up to 5% of their original investment can be withdrawn each year for up to 20 years without giving rise to a liability to tax during that period. The withdrawals can start or be stopped at any time and will be taken into account in calculating any liability to tax when the bond is encashed. However, if this is done at a time when the investor's personal tax rates are lower (such as after retirement), this liability can be reduced or eliminated.

Advantageous share exchange

Investors who hold shares can exchange them on advantageous terms for a unit holding or an Investment Bond. Where we can accept the shares as part of one of our portfolios we give the market offer price for them. This is usually 2%, 3% more than the investor would receive by selling them at the market bid price.

If we are unable to accept particular shares into our portfolios we will sell them, normally without making any deduction for costs of commission and stamp duty incurred. An exchange of shares would be considered a disposal for capital gains tax purposes.

Regular investment

Several methods of building up a substantial investment in any of our funds through regular contributions are available. These include the Save-Insure-and-Prosper Plan and the Flexible Ten Plus Ten Plan, both of which provide valuable life insurance cover.

Contributions to these plans are currently eligible for tax relief at 17½% which effectively means investing at a substantial discount.

SAVE & PROSPER GROUP



Emphasis on security

WHILE NOTHING has ever been quite the same since the 1974 collapse of the stock market, professional fund management has continued to grow in importance. This may be seen not only in the growing concern about the decline of the private investor as a force in the market (a trend paralleled in the U.S.), but also in the desire of investors for security rather than high risk and, in many cases, income as opposed to capital appreciation. This increasing conservatism among private and institutional investors alike has extended beyond the stock market to the property market and has also led to a growing interest in money market vehicles (including gilt-edged).

But the common denominator is that now people have less faith that the long-term trend of most markets is upwards, having been shaken out of any complacency which might have existed in 1974 they now seem more willing to hand over their troubles to fund managers and let them sort it out. This is not to say that the fund managers have all the answers for them, but can no longer count on being proved right by an upward trend and nowadays have a far more difficult task than was the case even a decade ago.

Where equities are concerned there are a number of different institutions concerned with fund management. Basically comprising the insurance companies, the pension funds, investment trusts and unit trusts. Because of their considerably greater cash flow the first two have progressively gained in importance, but the latter tend to be of special interest for their performance is more readily discernible and there is a greater willingness on the part of the fund managers to disclose their aims and problems. In fact, there is an overall trend towards greater communication between fund manager and investor in all sectors.

Diversify

Having learnt all about the importance of managing liquidity levels in the 1974 bear market, the main preoccupation among the unit trust fund managers now is how to diversify their interests beyond the U.K. market, and here the main barrier is the dollar premium, which rose to unprecedented levels during this year as the sterling crisis deepened. The only way of avoiding the premium is for the managers to raise foreign currency loans, but these pose problems of their own.

There tends to be a lot of argument about the best way to fund overseas portfolios, with most managers plumping for a middle course, having some premium holdings plus a loan principle. In any case, commodity funds which have varied. But the fall into the "unauthorised" category of funds which are not allowed to advertise or openly solicit for business. They there-

trust sellers this year, coming second only to high income funds. The only trouble so far as managers are concerned is that world stock markets now show a distinct tendency to move together, waiting on the hesitant U.S. market.

Investment trusts are in a somewhat different position because they already have a higher percentage of overseas interests for the business as a whole and their problems have mainly revolved around the persistently high level of discounts for their own quoted shares. It is a problem which does not suggest any easy solutions and has produced a gradual dribble away of disillusioned private investors. But there are now signs that the investment trust managers themselves are taking the business of self-promotion more seriously and it is hoped that this will lead to a narrowing of discounts.

Property has also been an area where confidence had not quite recovered from the 1974 downturn before the recent increase in interest rates again made prospects gloomy. But can no longer count on being proved right by an upward trend and nowadays have a far more difficult task than was the case even a decade ago.

One of the most widely publicised has been the commodities field which according to its protagonists has the advantage that, in the futures markets, one can make money on the downside just as easily as on the upside. While this may be true, the risks are high and while a number of commodity funds have been launched over the past year or so, most have voluntary restrictions on the way in which they can operate. One senses that for the most part that commodity fund managers (who include Save and Prosper) are happier acting for other professionals who know the risks involved and can reach their own conclusions than individuals who may have difficulties in grasping the basic premium holdings plus a loan principle.

ASSET COMPOSITION OF PERSONAL WEALTH BY RANGE—1974									
Asset/Liability	Range of net wealth (lower limit)								Total
	Nil	£5,000	£10,000	£20,000	£50,000	£100,000	£200,000	£500,000	
Physical assets:									
Dwellings	24.7	58.5	60.6	40.9	25.2	21.2	11.6	42.7	
Land	0.4	0.5	0.2	3.8	10.4	15.5	21.6	4.5	
Other buildings	0.0	0.2	0.1	1.1	1.6	1.1	0.7	0.6	
Household goods	6.0	4.0	3.2	3.1	2.6	3.2	3.6	3.6	
Trade assets	1.7	1.3	1.4	4.4	4.4	3.5	2.3	2.5	
Financial assets:									
Listed ordinary shares	1.0	1.3	2.0	7.5	14.9	19.0	25.8	6.8	
Other company securities	0.3	0.4	0.5	4.2	8.7	14.1	16.3	4.0	
Life policies	24.2	19.1	17.5	13.5	7.9	3.8	2.5	14.9	
Building society deposits	8.8	7.0	8.1	9.9	7.4	4.1	1.2	7.5	
Listed U.K. Government securities	0.2	0.3	0.4	1.4	1.9	2.8	3.6	1.1	
Cash and bank deposits	10.2	5.9	5.0	7.2	9.3	9.6	7.4	7.2	
National Savings	12.7	5.1	3.9	2.9	1.6	1.0	1.0	4.4	
Other financial assets	21.7	9.3	7.3	9.1	8.8	9.3	9.3	10.3	
Liabilities:									
Personal debts	- 5.1	- 2.2	- 2.3	- 4.7	- 5.8	- 6.5	- 5.9	- 3.9	
Property debts	- 6.8	- 10.7	- 8.1	- 4.4	- 1.9	- 1.3	- 1.1	- 6.2	
Net wealth	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

Source: Derived from "Estimated wealth of individuals in Great Britain 1974," Inland Revenue 1976.

Including unit trusts.

There has also been a growth of interest in the general range of fixed interest products over the past year, including the gilt-edged market. At one time, a fixed interest return seemed like a licence to lose money in an inflationary period; equities and property were thought to benefit from inflation; and gilt-edged stocks were regarded as strictly the province of the institutions who were equipped to take advantage of the swings in interest rates.

Licence

Where the individual was concerned, gilts were largely equated with War Loan and other obvious losers where the dogged investor had seen a large capital loss. But there is no doubt that over the past year fixed interest rates have moved closer in line with inflation and it is now far more obvious than it once was that high interest levels automatically react on the equity and property markets.

Therefore people are more open to the "bird-in-hand" argument than was the case even a few years ago and are also becoming more aware of the advantages of gilts—especially when they are at the higher tax levels. This has prompted its response in the fund management field and there are now more "money" and "gilt-edged" funds which are put forward as positive ways to make money rather than as temporary limbo in which to stick it out while conditions for other media are poor.

The only problem is that

while most gilt-edged funds are constructed around the single premium life policy, they still are not ideal from the taxation viewpoint. Moreover, where unit trusts and investment trusts are concerned, there are positive taxation disadvantages from gilt investment and this is one area in which the fund managers would like the regulations to be made more flexible. It has not passed unnoticed that "bond" funds in Continental countries are more important than the equity funds and it is thought that if the Government really wanted to sell gilts it might find worse ways to do it than through unit trusts. Certainly any modification of the rules would find a ready response from the unit trusts in the shape of new funds.

It is probably the most unfortunate aspect of fund management in the U.K. at the moment that artificial restrictions and the effects of high taxation are playing an increas-

ing role in the fund management field. Most new products are just as concerned with the mitigation of taxation for likely investors than with the actual performance of the product and it is significant that "offshore" investment centres such as Jersey are rapidly increasing in influence and status as convenient staging posts for the investors' funds.

Similarly, it is no longer possible for the modern fund manager just to view his role as that of a manager of funds. Increasingly the banks, life companies and stockbrokers who are among the major fund managers for the individual are spreading their tentacles into the whole range of financial management activities and, although the IOS idea of a cradle-to-grave financial service might have seemed gimmicky at the time it was current in the late 1960s, it is proving to have been uncannily accurate.

Christopher Hill

PROPERTY BONDS

Yields and values

THE PERFORMANCE recovery in property bonds which began late last year, and accelerated throughout the first nine months of 1978, is now in jeopardy. One of the effects on the property industry of the recent increase in Minimum Lending Rate has been to make rises in property investment yields inevitable. It is early days yet to judge how far yields will have to go or whether they will remain for any time at higher levels. The industry is taking its time in sorting out market levels.

Unfortunately, property bond managers, who tend to value their portfolios monthly as the basis for their offer prices, are vulnerable even to short-term changes in yields. Any upward movement means a corresponding downturn in the value of their portfolios—and the upward movement is likely to be of the order of a full 2 per cent. The market does not, however, expect the damage to be on the same scale as the collapse of the property market in 1974, when the yield movements were compounded by a rent freeze and by an enormous amount of property overhanging the market. In addition, there are good reasons to suppose that the new record heights to which M.L.R. has been forced is a temporary measure only. Considerably lower levels are hoped for in some quarters within weeks.

Hiatus

If the property market is banking on such an outcome this will tend to restrain the upward movement of yields, and in any case the very sharpest upturn is likely to be of short duration. Nevertheless, one must expect a hiatus in the improved performance of property bonds. If only for a limited period.

Such disappointments are still around the corner, however. In the first nine months of this year property bonds' performance has quickened the improvement first seen late in 1975. By now all the offer prices are back into "plus" with the 10 leading performers showing year-on-year changes of more than 10 per cent. Plus. Property is not, however, a short-term investment, and the significant figure in study is the five-year performance.

Over that period of time the property bonds have earned investors' confidence—or at least the leaders have done. The best performer has shown a rise of 60 per cent, on £1,000 invested five years ago. While this does

not match the rise in the cost of living index, which has leapt by a frightening 90 per cent over the same period, it is not to be sneezed at. While it is unfair to compare this with the performance over five years of the short-term media it is worth a comment in passing that the FT All-Share Index at the end of September was only 75 per cent of its five years ago, and property shares a mere 57 per cent.

Worth remembering, however, is the fact that property bonds, on the whole, have not performed as well as property unit trusts. And the basic State pension scheme easily outstrips both.

Moreover, the 60 per cent figure relates only to the best performer, Welfare Property, which has shown a 40 per cent fall over the same period.

The median performance is sufficiently attractive, however, to have encouraged net new investment into property bonds. Between January and September, the 12 leaders (which accounted for most of the significant inflow of funds) attracted nearly £50m. in net new investment. This was more than for the whole of the previous year.

A disproportionate amount of this went to the two biggest funds, Abbey and Hambro. Together they attracted £28m., £18m. and £10m. respectively.

While distinctly recovered, this rate of inflow is not yet on a par with the heady days of 1973 when Abbey was taking in some £5m. per month. And it is likely that the nervousness affecting the entire investment market will have its effect on net inflow into property bonds. Notwithstanding the attractions of cash on deposit in today's stormy climate, property bond investment still has something going for it. But indiscriminate investment will not pay off.

Investing in a property bond is investing in management. But it is difficult to analyse management policies so as to reveal the success factor. The defensive qualities are easier to pinpoint. As fund managers learn to their cost during 1974 when redemptions were at their highest, property bonds (unless closely supported by parent life companies) need a sizeable liquidity cushion.

The lesson has been well learnt. Of the £50m. which flowed into the funds so far this year, only about half has been invested in property pur-

BRITAIN HAS the most stable unit trust industry in the world. Despite the big stock market crash of 1974, it remains strong and expansionary—a unique situation and one that is a compliment to the industry's top management. It is so because the industry will remain free of the scandal and financial manipulation that has cursed similar industries elsewhere.

Stringent legislation and careful monitoring are two reasons for the healthy state of the industry. Unit trusts are allowed to invest in only a narrow range of investments, predominantly in quoted equities. This has prevented their managers from investing in other assets like property, commodities and even obscure investments like wine or art.

At the same time, this limitation has meant that unit trusts have lost ground in the total savings market to other more flexible investments, particularly linked life assurance that has been able to offer contracts with minimal life cover but investment opportunities in a mixed portfolio. Rather than be left behind, the unit trust management groups have formed their own life companies and have competed with those already in the field.

As a result, unit trust sales have benefited from investments in the linked life industry to the extent that the life companies have been putting the equity portions of their portfolios into unit trusts. The proportion of net sales of unit trusts derived from assurance contracts has varied from a third to 60 per cent over the past few years. About a fifth of the market value of the combined assets of unit trusts is now accounted for by unit-linked contracts.

So it is not surprising, given

Unit Trusts Performance 1976	
The best five	% increase
M & G American	41.2
M & G Japan	30.5
Lawson American	29.4
Stewart American	29.0
Hambro Sec. of America	28.3
The worst five	% decrease
Slater, Walker Minerals	43.0
Oceanic Recovery	31.5
Cosmopolitan Growth	27.4
Oceanic Finance	26.5
Save and Prosper Ebor Property	26.7

Source: Money Management

this underlying support, that the U.K. unit trust industry has not been afflicted by the terror of continuing net repurchases experienced in so many other countries as an aftermath of the collapse of equity prices in the early 1970s. Indeed, even the collapse of equity prices in the U.K. two years ago did not defeat the industry.

Impressive

True, net sales reached a peak of £241m. in 1972 (which coincided with the stock market peak) and then fell sharply to £186m. in 1973 and £85m. the next year. But the recovery since then has been impressive, with net sales of £190m. last year and £136m. in the first nine months of this year.

The absence of any single year of net repurchases reflects the strength of the industry during the worst period over for the stock market. It may even seem curious that the highest repurchases were in 1972 when they reached £196m.—well above the levels of recent years when investors had every right to feel frustrated at their diminishing fortunes.

In recent years the investment performances of unit trusts have been mixed. In general, they have fallen less than the indices during the bear phases but have also risen less during the bull phases. To a large extent this phenomenon is almost inevitable, given the nature of comparisons between real portfolios (that include varying proportions in cash, whose value is constant) and equity indices which by definition are always fully invested.

At the same time, however, the comparison does indicate how unit trust investment managers have done in the crucial skill of liquidity. Managing the cash levels in unit trust portfolios has become as important as choosing the right sectors to concentrate on, given the increasing volatility of share markets. Besides, the industry is becoming so specialised that sometimes the very name of a trust determines which sectors it will be in.

Performances naturally differ according to the period over which comparisons are made. It has been very difficult to provide real returns over the past five years, and indeed there are only two trusts that have doubled in value over this period: Save and Prosper's Japan Growth and M and G's Japan fund.

Over five years £1,000 invested in Money Management's unit-holder index would have fallen to 1978 with net income reinvested. It might be some consolation that the sum would have fallen even further to £226 if it had been invested in the Financial Times Actuaries All-Share Index. Some of the trusts have performed abysmally over these years and

three particularly have badly they give the industry a bad name. These are Prosper Capital, Cosmopolitan and Coyne Growth—30.5 invested in either of these would have fallen to less. Of course, managers can change and trusts can change and three trusts recently happened with two of the three trusts recently. Of course, the picture is much brighter over the past two years, when share prices generally did very well, recovering from their low at the end of 1974. If you invested £1,000 in the unit index two years ago, it would have grown to £1,444—less than the rise in the All-Share index, which would have brought your portfolio value to £1,788.

Even over this period there were very few funds that have doubled your money, and four trusts fell into this category. And once again they were invested abroad, where they have generally done better than in the U.K., particularly in the American, Henderson Far East, GT Japan, and Grantham.

As the accompanying table shows, performances this year have been dominated by the U.S. and Japanese markets, which have both outperformed the U.K. market. Indeed, these two foreign markets are the only ones whose indices are currently above their 30-year moving average, according to Chart Analysis.

Among the top 17 performers this year, only one—Save and Prosper Energy—does not concentrate specifically in either of these two markets. The place is taken by M and G American, which stands on its own with a 41.2 per cent rise. The M and G Group also takes second position with its Japan Fund with a 30.5 per cent rise. This is followed by Lawson American (29.4 per cent), Stewart American (29.0 per cent), and Hambro Securities of America (28.3 per cent), which has made it at last, after being near the bottom of the tables for many years while the U.S. market languished.

Pleasing

Over 1978 the unitholder index fell by 7.4 per cent, while the F.T. All-Share Index fell by 14.8 per cent. It is pleasant to see one trust from the Slater Walker North America considering that no fewer than six of its trusts are in the bottom 20. Since gold tumbled from its height at the end of 1974, the Slater Walker trust have not done well. The woodspoons must certainly go to Minerals fund which has lost two-thirds of its value over the past 12 months, and the Slater Walker Gold trust which has come down by 48 per cent. the last year. Among the unit trust groups the other laggards are Oceanic, which has four trusts in the bottom 20.

Of course, short-term performance tables have limited validity and depend on a whole range of factors. If you examine the cycle you will find the need to switch investments between unit trusts from time to time. The moral must be that, worth taking some profits, when you see them.

Roy Lewis

M&G AMERICAN AND GENERAL FUND

A LEADING UNIT TRUST

The M&G American & General Fund enables investors to participate in the fortunes of the world's wealthiest nation without any of the complications normally associated with investing overseas. The portfolio is widely spread through America's diverse economy and currency loans alleviate the effects of the investment dollar premium.

With recent economic uncertainties and the Presidential Elections still to be decided, Wall Street has lately been subdued. Through American and General, investors can take advantage of any future upsurge in share prices.

The Fund's aim is long-term capital growth, and only Accumulation units are available. The latest price of units is 43.0p and the estimated current gross yield is 3.1%.

Unit trusts are a long-term investment and not suitable for money that you may need at short notice.

The price of units and the income from them may go down as well as up.

Prices and yields appear in the F.T. daily. There is a charge of 2% initially and 1% p.a. VAT annually. You can buy or sell units on any business day. Contracts for purchases or sales will be due for settlement 2 or 3 weeks later. Trustee: Lloyds Bank Limited.

TWO WAYS TO INVEST

As well as investing a capital sum of not less than £300, you can start a regular Plan for as little as £10 a month if you are aged 54 or under.

On a £10 Plan, at current rates, tax relief can bring down your net monthly cost to only £8.25, with which you can buy units worth considerably more. Assuming an average annual growth rate of 6%, a man of 35 could cash in for £3,877 after 20 years, while with a growth rate of 9% he could expect £5,429, at a cost to him after tax relief of only £1,980.

Regular investment of this type means that you will be buying your units at below their average price. This is called Pound Cost Averaging—and gives you a positive antimedical advantage.

You also benefit from life cover of at least 180 times your monthly payment throughout the period.

You can stop or cash in your Plan at any time, and this flexibility is important because the price of units goes up and down. If you cash in or stop your payments during the first four years there is a penalty and the tax authorities require you to make a deduction, so you should not consider the Plan for less than five years. Costs are low and as much as 86% to 94% (depending on your starting age) is invested, except in the first two years when it invests 20 percentage points less to meet setting-up expenses.

FROM £300 LUMP SUM TWO WAYS TO INVEST FROM £10 MONTHLY

You can buy units by completing either the CAPITAL INVESTMENT form (for a REGULAR MONTHLY SAVING FROM £10) or the APPLICATION form and returning it to M&G GROUP LTD, THREE QUAYS, TOWER HILL, LONDON EC3R 6BQ. TELEPHONE: 01-626 4558. This section is to be completed by all applicants.

NAME (PRINT NAME AND SURNAME) _____

DATE _____

POST CODE _____

AG 50% 90

EITHER £300 Complete this section to make a Capital Investment (minimum £300).

I WISH TO INVEST £_____ in ACCUMULATION units of the M&G American & General Fund. Do not send any money. A contract will be sent to you stating exactly how much you owe and the settlement date. Your certificate will follow shortly.

I declare that I am not resident outside the United Kingdom, the Channel Islands, the Isle of Man or Gibraltar, and I am not acquiring the units as the nominee of any person resident outside those territories. (If you are unable to make this declaration you should apply through a bank or stockbroker.)

SIGNATURE _____ DATE _____

OR £10 Complete this section if you wish to make a Regular Monthly Saving (minimum £10 a month—maximum age 54).

If you are 50 or over (women 54 or over), or want to save more than £20 per month, or cannot sign Part I of the Declaration, delete that part of the declaration and we will send you our standard proposal form.

I WISH TO SAVE £_____ each month in the M&G American & General Fund. I enclose my cheque for the first monthly payment, payable to M&G Trust (Assurance) Ltd.

DATE _____

OCCUPATION _____

NAME AND ADDRESS OF USUAL DOCTOR (to whom reference may be made)

Are you an existing M&G Plan holder? Yes No

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Christine Moir

FUND MANAGEMENT III

COMMODITIES

Newcomers in the trust arena

THE STOCK MARKET has been 45 per cent since the index was at 384 last May 1972, while inflation has normally exceeded 15 per cent, and sterling has fallen 15 per cent to the D-mark from £3.1 to DM3.99. Against this background it is not surprising that embattled investors have tried commodities as a store of value not dependent on the U.K. economy.

One striking fact is that new unit trusts have attracted £51m. altogether, a net new investment in unit trusts this year has been £136m. One at draw the conclusion that there are so shell-shocked investors have stayed covering in stock market bunker, and are to be rescued in the meantime, those who ventured into some shares when the index was at 384 last May and buy into the new unit trusts are now about 100 per cent better off than if they had kept to shares.

The suspicion which greeted funds at their launch has faded. The last fund to be launched was in May, whereas new unit trusts investing in ordinary shares have been launched since that time, notwithstanding the fall in the stock market.

The reason is that U.K. law requires that commodity trusts be offshore and thus not subject to advertisement here. Many investors who would doubtless invest in them have diverted into unit trusts which invest in commodities rather than commodities themselves. These are allowed to advertise and do so quite aggressively.

The reverse is supposed to happen as economic activity slows down. Now commodity shares do tend to show relative strength towards the end of a bull market, but ultimately they are shares and not actual commodities; their overall movements (with dramatic exceptions) are tied more to the stock market than to the commodity market. This year, for example, ordinary shares have fallen 20 per cent, commodity share unit trusts are little changed, while the offshore commodity trusts have risen 20 per cent, or more. So only the actual commodities are really contra-cyclical to the stock market.

Within the small band of seven genuine commodity trusts, performance has so far shown an inverse relationship to the size of the funds. The smallest funds have shown dramatic rises. Commodities and Options up 59 per cent, and First Vikings up 46 per cent. The heavyweights have brought up the rear with Metals Trust up 33 per cent, and Old Court up 20 per cent. (The latter was only launched on January 30).

Different

The strong performance of the small funds is not just a reflection of the flexibility that is automatically given by their size. The smaller funds tend to have a different investment philosophy, seeing themselves as professional dealers quickly moving in and out as opportunities arise. The aim of the other trusts is rather to provide a stake in commodities through thick and thin.

The Save and Prosper Fund, for example, has had a heavy stake in copper throughout most of this year. An investor in the bigger funds is, broadly speaking, acquiring an expert selection of commodities, whereas in the smaller funds he is backing the dealing ability of the management company. There can be no doubt that the dealers have been the better bet so far.

But apart from these two categories of managed funds, there is a third type whose main characteristic is that it is not managed at all. The first example of this new type

have both been introduced by Surinvest. They simply invest in copper and silver respectively and allow investors to make their own mistakes in timing. This fills a need of smaller investors who could not otherwise buy stakes in these metals because of the minimum contracts on the London Metal Exchange.

Nevertheless, it shows how times have changed from the days when active management was a great selling point of unit trusts. It illustrates how the traumatic events of the past few years have led the private investor to take little or nothing on trust.

This point is further illustrated by the fact that the trusts with the well-established names behind them have attracted the overwhelming majority of investment. S. G. Warburg, Rothschilds and Save and Prosper have attracted £47m. between them, whereas the other trusts have only brought in £3m. despite the fact that their performance is better on average.

A second element in this trend is that the blue chip management groups have been able to use their contacts to obtain the institutional business. It is the institutions which have supplied the bulk of investment in commodity trusts and the biggest fund, Warburg's Metals Trust at £21m., is only open to pensioners and charities.

The amounts committed so far represent no more than dipping a toe in the water. Yet to the management companies they represent very worthwhile business and one wonders why other well-connected management companies such as M and G and Hambros have been slow to join the bandwagon.

At present, however, even the existing trusts are finding it difficult to attract funds. Commodities generally took a knock in July and recently the most widely held metal, copper, has been weak. As a result, the net inflow has eased off from the excellent levels of last spring and a couple of funds report a significant level of redemptions. A fortunate by-product of the sell-off is that the tax position for private investors may be clarified. The Inland Revenue has been seek-

ing to tax commodity dealing profits as income and so fears have been voiced that it might do likewise in respect of gains from investment in commodity trusts. However, this currently seems unlikely, at least for most small investors who hold their stakes over the medium or long term. The management groups report no cases of it so far but Surinvest is in the process of obtaining counsel's opinion on the subject.

A clear picture would be important because if commodity trust profits are to be treated as capital gains then the trusts will have a tax advantage over direct commodity dealing for some people. This in turn could help the growth of the trusts.

More immediately, investment in commodity trusts will depend on the behaviour of commodity prices. The recent fall has taken place against a background of fear about the strength of the economic upturn combined with a rise in interest rates which makes financing expensive and the normal inactivity of the late summer months. However, it is worth remembering that among the major world economies the rate in interest rates has been confined to only a few

European countries, while in the U.S. the Federal funds rate is still only about 5 per cent. Moreover, the growth of the American economy slowed in the third quarter but is forecast to rise again to an annual rate of 6 per cent in the last three months. The commodity markets might well get a second wind within the next year or so.

Meanwhile, the history of commodity trusts is a short one. They have not yet had to face a proper bear market (with one exception). So far they have successfully defied the cautious welcome they were granted but some investors persist in regarding them as a passing fashion. A fashion like deficit budgets, inflation and a weak pound, perhaps?

James Bartholomew

Institutions, particularly insurance companies, are becoming net sellers of trust shares, which is further undermining prices. Originally, institutions held trust shares to give an overseas spread but with an increasing number of them expanding their own investment departments it has become relatively cheaper to invest direct rather than through a trust. Meanwhile, private investors are swinging towards unit trusts. There are several reasons behind this trend—not least of them the lack of publicity by investment trusts as against unit trusts.

An almost perverse point is that because investment trusts enjoy a capital gains tax concession—the maximum on investment trust disposals is only 12½ per cent—where equity sales are necessary investment trust shares are often kicked out of the portfolio first.

There are various ways in which the sector could take action. For example, a greater publicity effort is needed if the trusts are going to fight back against unit trusts. Admittedly the style of advertising is restricted, and an investment trust cannot claim that its shares are cheap or offer units for sale. But it can indulge in corporate advertising like any other quoted company, while management groups could also point out their achievements in advertisements along the lines of the recent ones from Touche Remnant and Philip Hill (Management).

Another point is something the association could work on—and that is the production of regular up-to-date asset values. After all, the unit trust sector has to produce daily valuations and if investment trusts could produce them just monthly it would give investors something to compare against share prices.

As for combating the oversupply of trust shares there are several actions which have been suggested, such as unitisation, liquidation, and take-overs, or possibly the sanctioning of trusts buying their own shares. There has been much talk about the first two options, but it seems unlikely that any of the larger trusts will take any action.

When it comes down to detail there are a number of similarities in that the trust must be formally wound up, though of course the end result is widely different. In both instances prior charges must be repaid, the dollar premium must be surrendered and capital gains tax liabilities met. If the group is going into liquidation all the assets will have to be sold and

the actual prices obtained are bound to be far less than the middle prices used for calculating the asset value. By the time the costs of liquidating are taken into account all the discount to the share price may have been eroded and the return to shareholders no greater than if they had just sold their holdings. So there may be no real benefit to shareholders and few trusts are likely to consider this move.

Unitisation does not involve selling of assets, but trusts are unlikely to approve such a move because most managers expect that a large proportion of institutional holders would show a clean pair of heels. This would mean that the managers would have to sell large amounts of stock in order to accommodate the sellers. So despite many calls for unitisation it is very unlikely that any of the trusts will do so.

Enhanced

Take-overs are something rare in the industry, but there is now a growing realisation of the advantages to a financial institution that it broadens its asset base and increases its reserves at a cost somewhere between the trust's market capitalisation and asset value. The attractions of a take-over become enhanced if the bidder can build up several holdings below 10 per cent, until he reaches 30 per cent, where a bid becomes mandatory. By this method the cost of acquisition would almost certainly be reduced. All in all it looks likely that there could be an agreed bid within the next few months from a financial institution.

For a trust to be able to buy its own shares would mean a change in the law, but the sector has not shown any signs of wanting such a change. It is worth pointing out that it seems to work well for the Dutch, Robeco. Though a positive demand exists for its shares, over the years it has been a net issuer rather than buyer. In the U.K. such powers are not really desirable and might lead to accusations of market rigging.

Nothing as drastic as unitisation or liquidation looks likely but managers are at last awakening to the need to publicise their wares by corporate advertising. The Association is encouraging members to extend the information they provide, and is itself intending to act as a source of statistics. So at least they are moving the right way.

Terry Garrett

INVESTMENT TRUSTS

Waning popularity

THE INVESTMENT trust sector, once a rapidly growing investment vehicle, has come in for a lot of criticism in recent years.

The movement's origins go back over a century, when the first investment trust companies were set up to invest in the expanding economies of the Commonwealth and North America. Indeed investment trusts were a growing force until a few years ago, but since 1973 they have fallen from grace.

Now, with some 250 trusts holding assets of over £51m. (more than double the size of the unit trust industry) the investors' attitude can be summed up in the average discount of around 35 per cent, on which the trusts' share prices are standing in relation to their underlying assets. This discount is historically high and must be causing some concern to the industry.

This trend is perhaps even more disturbing when one considers that in the 1973-76 bull market the sector should have picked up support because of the gearing effect on its asset performance. Moreover, when sterling is under pressure investment trust shares are normally in demand as a cur-

rency hedge because of the high proportion of overseas assets. Even though both these conditions should have tempted investors to look at investment trust shares they have failed to do so.

Many outside commentators are attributing the wide discount to a poor investment performance by the sector. However, its performance has not been bad and the criticism is not really valid.

Significant

Taking a view over the past few years, which have seen both bull and bear markets, it becomes apparent that as far as asset performance is concerned, investment trusts stand up at least as well as unit trusts. As for dividends, the trusts have admittedly lagged behind the average U.K. growth rate, but this year is seeing some significant increases as earnings from overseas investments grow, reflecting not only the continued devaluation of sterling but also the fact that overseas companies are not restricted by dividend restraint.

So it is not performance which has disillusioned investors—though a couple of

mistakes have not enhanced the sector's reputation. One of the major errors of judgment was the rush by managers in the early 70s to take out overseas loans as a way of avoiding the imposition of the dollar premium surrender. But as sterling moved into decline, interest rates swung up and world stock markets fell, many managers were equally swift in paying off their borrowings as soon as possible.

Another mistake was the incredible expansion which took place during the 1971-72 bull market. During 1972 alone 40 trusts came to the market raising a total of £500m., not to mention a number of rights issues. The indigestion which followed still hangs on to-day and the sheer oversupply of investment trust shares is one of the major factors depressing share prices.

Apart from these two points there are a number of other fundamental problems which are holding down share prices. They generally yield less than the average for U.K. equities and in a period when both private and institutional investors have become increasingly yield-conscious it is understandable that their shares are short of buyers.

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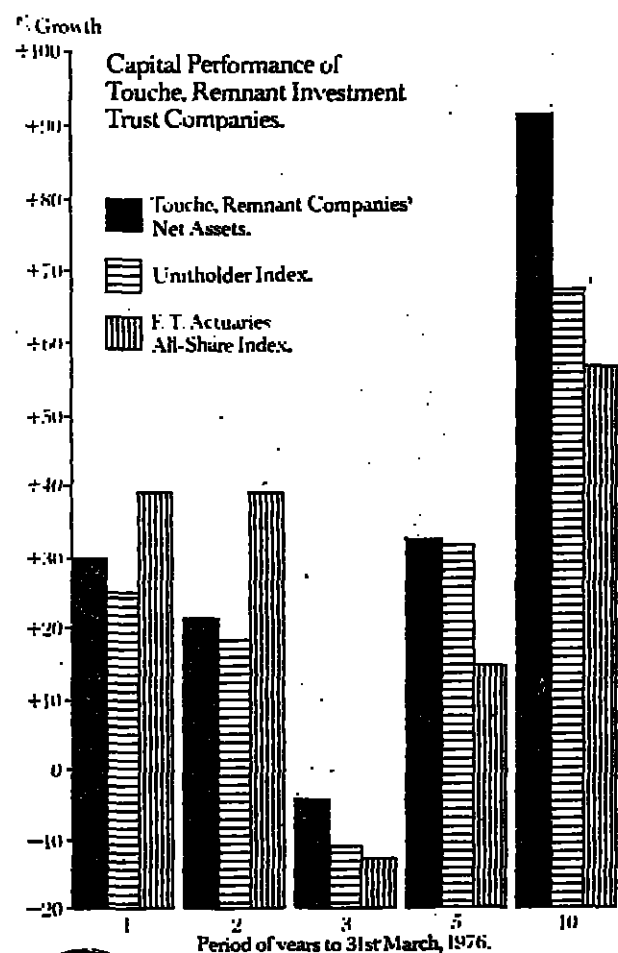
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Dividend Growth - Period of years to 31st March 1976

Years	Touche, Remnant Average	F.T. Actuaries All-Share Index
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2	+31%	+20%
3	+43%	+30%
4	+59%	+40%
5	+89%	+50%
6	+100%	+60%
7	+110%	+70%
8	+120%	+80%
9	+130%	+90%
10	+140%	+100%

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FUND MANAGEMENT IV STOCK MARKET

Marked shift in patterns

RECENT YEARS have brought a marked shift in the pattern of ownership and control of Ordinary shares. Once widely spread among private individuals, equity holdings are increasingly concentrated within the portfolios of large institutions or are coming under the discretionary management of investment specialists of one kind or another. Although the corresponding increase in the expertise of investors is in many ways welcome, it has had noticeable effects upon the behaviour of the stock market.

A Stock Exchange dominated by the activities of many thousands of independently-minded individuals will, after all, behave much more like a perfect market. Their activity will be fairly evenly spread over time, and conflicting opinions will lubricate the system and tend to limit price fluctuations. Many of the investment transactions of private investors are independent of the particular phase of the stock market cycle - like executor sales, for instance.

Big institutional investors, however, tend to act much more like a herd. They share a common City background, are circled by the same flood of brokers' reviews, and are affected by the same ebbs and flows of incoming or outgoing revenue. According to the Diamond Commission, the proportion of Ordinary shares in U.K. companies directly held by persons fell from 69 to 50 per cent. over the ten years from 1963, while the holdings of long-term funds like insurance companies or unit trusts rose from 21 per cent. to 36 per cent.

Official statistics show a steady disposal of company securities by the personal sector in the past few years at an annual rate of between £1bn. and £2bn. This period has coincided with the development of a much greater volatility in stock market levels. Until 1970 a good bull market showed a gain of perhaps 100 per cent. in the indices, and a bad bear market a fall of 35 per cent. or so. But between 1972 and the beginning of 1975 the F.T. Industrial Index fell by over 70 per cent., while in the subsequent bull market prices very nearly trebled.

It would be wrong to blame these gyrations wholly on the institutional fund managers. The volatility has also reflected the extreme monetary instability which has characterised the 1970s so far. But the big funds have exaggerated the swings by trying to build up liquidity in bear phases and then quickly switch back into shares when conditions look more favourable - a pattern of activity which by and large is not typical of small investors.

Periods of hectic activity such as in the first quarter of 1975 and again in the early part of 1976 have been followed by phases in which stock market turnover has shrunk to what for stockbrokers may be starvation level. This, August, for example, turnover in equities was only half as large as in January; and business in

medium- and long-gilt-edged was only one-quarter the size.

At peak times the surge in business has put strains upon the London stock market's jobbing system, and the large funds necessarily concentrate upon the more readily marketable shares of big companies. The merchant banks have, indeed, set up their own ARIEL computerised dealing system; but with under 2 per cent. of total business its impact on the main market has not been very pronounced.

Buffeted

Perhaps not too much notice should be taken of the complaints of insecure stockbrokers and jobbers, buffeted by their erratic changes of fortune. But the volatility does also have its drawbacks for companies forced to make opportunistic rather than considered judgments when raising new funds. And it is especially awkward for the Government when it endeavours to manage the growth of the money supply in a consistent way through steady sales of gilts.

For stockbrokers the growing power of the institutions has had other implications. Big funds tend to be turned over much more often than the frequently inactive private portfolio, and institutional business has come to be a dominating factor for many large firms. Over the last ten years, the average size of an equity bargain has climbed from £1,000 to approaching £4,000. And the professional manager often

requires a more demanding service than the small private client.

So there has been a large expansion - during bull markets anyway - in the research departments of stockbroking firms offering coverage which has tended to expand from individual company reviews - the old-fashioned "tips" - to regular coverage of whole industries. Beyond that, there has been a push into economic forecasting and monetary theory in order to give fund managers a deeper assessment of the background factors affecting stock market investment. Computers and TV systems have brought new technology to bear on the problems of instant analysis and communication.

But chasing the business of large funds also has its drawbacks. The investment in research software and hardware can be very large, creating big overheads - and while the returns can also be lucrative in good conditions, business levels can dry up unpredictably. Institutions normally make sure that enough commission is farmed out among large brokers in hard times to avoid large scale collapses; but the ratios can be meagre and mergers and staff layoffs are common news items.

So it is not surprising that stockbrokers are tempted to go into the fund management business themselves. And the steady - if relatively modest - attractions of private client business have often been seen in a new light in the generally harsher climate since 1973.

Some broking firms - like Phillips and Drew - go in for the really big fund management business, involving multi-million pound pension funds and the like. The difficulty here is that it means setting up in direct rivalry with the merchant banks, which as a group generate a great deal of turnover and commission for stockbrokers. The merchant banks do not like dealing with competitors.

Other brokers have seen fund management as a way of coping more economically with the re-

quirements of their small clients. The level of commissions on small transactions, such as to make it difficult to manage small portfolios actively, but by putting private clients into in-house funds, brokers can be maintained. A third solution has been to try and develop the management of private client portfolios into an economical, profitable business. Given Grant are believed to be largest in this field.

Computer

W. I. Carr, for example, has invested in a sophisticated computer operation in order to run a quick and efficient service for clients. They are not particularly keen to welcome new clients with portfolios of under £20,000 or so; on the other hand they do not have any special lower limit.

Carr like to be given discretion to manage portfolios within the framework of a predetermined policy, such as the priority to be given to income or capital appreciation. "Decisions can be taken quickly," they say, "and we can deal in substantial amounts of shares for large numbers of clients simultaneously without disturbing the market by a succession of small orders. Besides this, the problems and costs of communication are reduced to a minimum."

Whether the stockbroker's normal method of taking payment through commissions rather than in straight fees is like the satisfactory is up to the client to judge. Obviously there is a risk that the stockbroker, when he acts as a fund manager, is unduly interested in churning portfolios. In the end the commissions paid by the client need to be justified by the performance achieved.

Barry Riley

PENSIONS Function in society

THE PAST two decades have seen a dramatic increase in the overall coverage of occupational pension schemes. Nowadays about 11m. employed persons are members of these schemes and the funds under management have grown to about £12bn. - second only to life insurance as a provider of investment capital. The recent pensions legislation is likely to accelerate this growth - new money is coming into the hands of pension fund managers at the rate of over £1bn. a year.

Although the new Government pension scheme has made people more aware of the need for adequate pension provision, it has not yet resulted in a widespread interest in how that pension is to be provided. With the legislation for member participation due in the new Parliamentary session, either through the trades unions or otherwise, the need for the operations of pension schemes to be publicised and explained is now vital. And nowhere is it more vital than with the investments.

The contributions made to a pension scheme represent forced involuntary savings by the individual for his retirement. Therefore he or she has a stake in the assets backing the pension fund and a right to know how the money is invested. This right should not be exclusive, as the trades unions demand, since the employer guarantees the pension and at the end of the day makes good any deficit. But member representatives should have a voice in the investment decisions.

Pension funds require the investment to be the longest term of all funds. A member will contribute for 40 years or more and draw his pension for at least another 13 years on average. Pensions are now usually based on final salary, so investment have to keep pace with salary inflation as far as possible. Hence a pension fund portfolio should hold a high proportion of equity type assets - Ordinary shares and property being the main types, though the British Railways fund has works of art in its portfolio.

The other general features of pension fund investment is that the funds are likely to have large positive cash flows for the next few decades at least, so that managers can operate in a climate of no forced sales of any holdings. Second, the funds are virtually free of all U.K. taxes. This makes income relatively more attractive than capital growth, since the fund can roll up income gross.

How do the funds invest in practice? Official statistics are rather scanty in this field. Figures supplied by stockbrokers Phillips and Drew on the aggregate portfolios of private pension funds show that U.K. equities accounted for 43 per cent. and overseas equities a further 8 per cent. Property investment, either direct or through exempt trusts, amounted to another 17 per cent., while gilt-edged holdings totalled 18 per cent.

Thus about two-thirds of portfolios are in equity type investments, the expected pattern in

normal times. But with Minimum Lending Rate at a record 15 per cent., times are not normal. The financial statistics for the first two quarters of this year show a much heavier concentration of new money in gilts, reflecting the very high yields obtainable.

Investors do not need reminding of the importance of a proper investment strategy in order to maximise the return on a fund. Some trade unions seem to think that yield follows automatically from investment. But with pension funds, a 1 per cent. increase in the overall yield from the assets can reduce contribution costs by at least 10 per cent. For the employer, who after all puts up most of the money, proper investment management of the pension fund is essential.

Basically the investment of the pension fund money is the responsibility of the trustees of the pension scheme. But very few of the trustees will have the necessary time or the expertise to handle all aspects of investment. The task of investment management will have to be delegated and there are a variety of financial institutions offering their services.

The largest funds can appoint their own investment manager and set up a fully fledged investment department to deal with all aspects of investment. But such a course is not really financially viable for the remainder of the funds.

Spectrum

The merchant banks have been offering investment management services to pension funds for many decades, handling the complete investment spectrum including direct property investment. Leading stockbroking firms have also been active in this field for a long time, but cannot offer direct property investment services.

No fund can really enter the direct property field unless it is prepared to earmark several millions for investment. However, the advent of exempt property funds - in effect unitised funds investing directly in property - has opened up this field to even the very small funds. The managers of the smaller funds can now put the pension fund clients into property by buying units in one or more of these property funds.

The clearing banks are now offering a service comparable with that of merchant banks and some life assurance companies are now entering the area of direct investment management services. Of course, life companies have always offered investment expertise through their insured pension schemes, it was part and parcel of taking out a scheme through an insurance company.

The recent development of exempt funds - equity and fixed interest as well as property - has meant that life companies can offer a partial investment management service, leaving the trustees to decide on strategy. This has meant that in the smaller funds at least,

the trustee does not have to hand over every investment aspect to the life company. They can at least have a hand in deciding what proportions to hold in the various media, in conjunction with the life company, and buy the necessary fund units. The life company handles the investments within each exempt fund. The growing role of trade unions in pension fund management may well result in a growth in this type of scheme rather than a fully insured one.

How does the scheme member know that the investments are being handled to his best advantage and that he is getting value for money? The first is to ensure that his representatives can take a full part in the main decisions not when to buy and sell ICI shares, but when to move into equities and when to hold off. The second means is to insist on the performance being monitored by the pension consultant or consulting actuary. Fund managers should not be handed on a particular year's performance, but they should be able to explain it convincingly.

The great debate is going on at present on the support of industry by the institutions, particularly life companies and pension funds. The accusations are that industry has been starved of funds and the counters are that until the investment climate is such that adequate returns can be obtained on investments then there will be no shortage of finance.

What these arguments highlight is that not only do the trustees have a duty to invest for the benefit of their members and the employer but that they also have some responsibility to the community at large. This goes far beyond propping up this week's trade union's good cause. It means the pension funds as the largest providers of capital taking a meaningful part, with Government, employers, trades unions and others in determining the economic course this country is to follow. The good of all must mean the profit of each, and Equity Capital for Industry is just a start.

Eric Short

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FUND MANAGEMENT V

UNIT-LINKED INSURANCE

Emphasis on investment

LIFE insurance industry shown a remarkable rise in funds since the war. £300m. of assets under management, it now represents the largest single investment fund of finance. The aspects of life insurance have been heavily underlined in promotional material, and by the tax relief available on regular savings while a unit-linked concept into life insurance has placed almost all assets on investment, death being treated as a fringe benefit.

Then, does the life insurance industry offer individual investment? It is certainly a selection of investments. An investor who life insurance has to accept a long-term arrangement with investors in a common fund. This should be self-evident, but many investors do not appreciate the implications of using life insurance as a medium.

degree of involvement by individual depends on the life contract taken out. The most common is the endowment assurance. Here the investor pays premiums regularly over a period and collects the sum at the end. The sum is invested in one fund which invests the whole spectrum.

investor has no investment decisions to take at all. The life company, but the reinsurer in a contract impose a restraint on investment. Matching of assets and liabilities is important, the more the regulations to the

1974 Insurance Companies Act. This means that a high proportion of gilt-edged stock will be found in these life funds.

The method of ascertaining profits in the form of reversionary and terminal bonuses is a very complex process. The bonus levels depend not only on the investment performance, but on the proportion of profits that the actuary is prepared to release to policyholders. In the past, actuaries tended to be rather conservative in distribution, hence the present financial strength of the traditional life companies. Now a much higher proportion of profit is being distributed to policyholders.

Respect

The end result of this method of fund management is a steady above average return over the medium- and long-term. No life company is ever likely to show a phenomenal performance and some commentators in the good old days tended to scoff at conventional life assurance. In 1974 all that changed—an investment that did not lose its monetary value. This year commanded respect. Millions of policyholders over several decades have been more than satisfied with the returns on their with-profits endowment contracts.

But unit-linked life insurance introduced several new dimensions into the fund management services available to investors. First of all it gave investors a choice of various media, either by linking with unit trusts or by setting up internal funds on unit principles. Although in the initial stages the funds were equity-based, the linked companies soon

expanded into other fields—property, fixed interest, cash and even agricultural land.

If the investor wants to go into a particular investment field, say property, then he can take out a property-linked contract, the choice is his. But having made that decision, his money is invested in the common property fund with all other investors who have decided to use that fund. The life company decides which properties to hold, when to change, what degree of liquidity to maintain.

The fund manager in a linked fund is not restricted by the need to cover guarantees. In fixing his investment policy, he can go all out to maximise growth, either by capital appreciation or by income or by a combination of both. But his performance is much more closely monitored in a manner which his conventional life fund colleague escapes.

The second new dimension introduced by linked life assurance is that the return to the investor depends solely on the movement in the market values of the underlying assets. If the market moves up, then the investor has the full benefit reflected in the unit price. The converse is also true when the market falls, though to many investors, this did not become fully appreciated until the 1974 bear market.

The actual return to the investor thus depends on the unit price when he started, its movement over the investment period and above all the price when he gets out. Timing is all important, as it is with straight investment directly into equities. The investment manager can fix his policy for

long-term growth, but if the equity market is falling steadily, the value of his fund will also fall.

The investment manager can minimise this drop in value and in a bear market considers that he has done well if the fall is less than average. But it is poor consolation to the investor to be told he has lost less money than others. The general risk of loss in equity investment applies to equity-linked life assurance.

Still, many an investor this is the thrill of investment, getting the market right so that he can hit the jackpot. The rewards of linked life assurance are great, the risks of loss are also great. It is possible actually to receive less in money terms on a linked contract than was paid in—a feat virtually impossible with a conventional policy, even in the darkest days.

Facility

The third dimension added to the life assurance investment was the facility to invest lump sums in fields not available to unit trusts—direct property investment being a notable example. Property bonds are now an established feature of linked life assurance. Conventional life assurance, by its nature, is highly geared to regular savings.

Finally, the linked life companies introduced a much greater concern for the planning and packaging of their contracts. These companies moved away from offering just one type of savings policy to designing combinations of policies to meet specific circumstances—instant financial planning. The conventional life companies are now following

this lead and devoting more attention to planning.

Which bond does the investor choose? That depends very much on what he wants, what risks he is prepared to take, how much attention he can give to the holding and what kind of temperament he has. If he wants a safe, steady and trouble-free investment, then conventional with-profits is the answer.

But if he is looking for high returns and is prepared to take risks and has some degree of flexibility in the timing of cash-in, then a unit-linked contract is indicated. Insurance brokers are now devoting more attention to the investment aspects of linked business in their service to clients, and are employing specialist investment advisers. The investor in the unit-linked field, as in portfolio planning, needs guidance and continual review of his holdings.

The other decision is which life company to choose. Track records can indicate the past success of the investment management of a company and the unit-linked companies are closely monitored. But other factors need to be taken into account, including the composition of the investment management team. It is not an easy choice for investors.

The choice is even more difficult for conventional life companies. Projections of maturity values can be a useful guide. But under present conditions, keeping expenses under control is just as important as setting a good investment performance. But in general the mutual companies have done marginally better than the proprietary ones.

Eric Short

PROPERTY UNIT TRUSTS

Challenge of interest rates

A FINE spurt of growth put the property unit trusts 12 months from June of last year has been further encouraged, but the future is uncertain.

latest figures from Harris Graham, up to September, show a 12.1 per cent. annual return of 15.4 per cent. (In June, the corresponding figure was 13.7 per cent. During the same period, according to Harris Graham, 24 per cent. Consols showed a yield of 14.3 per cent., average per cent. for equities and fixed interest was respectively 14.1 per cent. and 9.6 per cent., and the price index rose by 14.3 per cent.

more gratifying for investors is the way with has affected the two-year performance. In June, the annual percentage return on invested two years previous was 3.4 per cent. Over the year term the average is better at 3.6 per cent. The corresponding figure has altered to 29.3 per cent. and 2.8 per cent. respectively.

five years—and this is the most significant increase—the median annual return has risen from 9.1 per cent. to 9.5 per cent. Extending a wider choice than ever before, but the discrepancy between the best return (29 per cent.) and the median. Over the last 12 months the gap is little more than 5 points.

Investment in farmland is a new venture for institutions. Its attractions have become felt as yields on vacant land have risen from traditionally marginal levels of one to two per cent. to spring of this year they

had fallen 14 points to stand at 51 per cent. This fall added some 18.5 per cent. to the value of the portfolios in the funds.

Since then yields have remained pretty well static but the immediate future can only be gloomy. The sharp rise in interest rates will have inevitable repercussions on property yields. However, it is too early to say to what level they are likely to rise and whether this will be permanent or merely for a period of months while the Government thinks again about its economic measures.

Most commentators in the market believe that the movement could wipe out the gains made since mid-1975 and some believe that prime office yields could even stretch to a bit above 7 per cent.

At the same time, the property unit trusts are already experiencing a falling off in interest from their pension fund clients. Last year there was a record £90m. net inflow into the funds. At the half-way point this year the figure was £38m. and most fund managers indicate a disappointing response to their September issues. The total net inflow for this year could be around £70m.—still historically high.

In placing their money, pension fund managers have had a wider choice than ever before. The number of property unit trusts is now around 23 and no fewer than four newcomers are specialising in agricultural investments.

Investment in farmland is a new venture for institutions. Its attractions have become felt as yields on vacant land have risen from traditionally marginal levels of one to two per cent. to a more comparable 5 per cent.

Some funds are also persuaded by managing their farms themselves (or in partnership) they can improve these yields by another 14 to 20 points.

So far, the performance of the agricultural funds is promising. Only one, Abbotstone, has been established long enough to take a place in Harris Graham's table. And that, over the past year, has yielded 19.2 per cent. to unit holders, giving it a respectable sixth place among the funds.

Spoon

Best performer over the 12 months was the Charities Property Unit Trust, with Hambro, Abbey and Standard Life close behind. The wooden spoon award, for so long awarded to Welfare, has now devolved on Grasshopper, traditionally second from bottom.

To get back to strategy, apart from the substantial interest now being shown in farmland, one other sector has had a major revival of interest—industrial.

Until this year, industrial properties accounted for a relatively small proportion of most funds. Now, most unit trust managers are actively seeking good factory and warehouse investments. Several independent studies have thrown up the interesting news that as far as rental growth is concerned good industrial property has tended to outstrip offices. Furthermore, industrialists usually carry a coupon some two to three points above offices. With the rise in interest rates and consequently yields, the concentration on industrial may be intensified. Industrial property at 10 per cent. may look a good bet.

That is not to say office purchases have gone out of fashion—far from it. Following the record inflow of funds late last year, the unit trusts have been buying heavily in the market. Bank of England figures for the first half of this year show a £40m. investment in property by the funds.

Within this sum can be seen a trend towards buying larger blocks with price tags up

to the £10m. bracket. In the main these have been on yields correspondingly higher than the base figure of 51 per cent., but some funds have been prepared to pay well over the odds for good reversionary situations. This is a far cry from 1974 and early 1975 when institutions refused to look at reversions.

There has been virtually no investment in property outside this country. Two funds, Barclaytrust International and Pan European, were set up to specialise in foreign purchases, but both are small and have pursued a cautious policy with a high liquidity ratio.

Some trusts are dabbling with direct development, either by picking up sites with planning permission or by taking over half-completed schemes. While in theory this should become a more significant role, the fund managers are reluctant to take on the developer's risks as well as the investor's—not an unwelcome view for pension fund managers.

Christine Moir

PERFORMANCE

Illusions dispelled

PAST PERFORMANCE has often been used to impress and lure the investor. In the 1960s and early 1970s—though not so much nowadays—almost the entire marketing effort of the unit trust and mutual fund industries was based on the premise that good past performance automatically led to a prosperous future.

It has taken some time for that illusion to be dispelled. But it is now quite clear that this assumption is not only unreliable; it is often quite wrong. Indeed, a good record over the short-term is frequently the forerunner of a poor spell. The converse also applies: poor recent performance is often followed by a strong recovery.

The marketing men invariably advertise the funds that they can display to the public in the best light, which is only natural. The investor in turn will buy what he is being offered. Hence the fund with the worst performance, even though it might represent the best investment opportunity, will not be exhibited because the public will not respond. The end result is that, if the investor only becomes impressed once the track record has been achieved, he or she is likely to buy at

the top of the market. When disillusionment subsequently sets in the same investor will become frightened and sell at the bottom. This is the classic unit trust conundrum.

Pre-occupation with performance also brings tremendous pressure to bear on the investment managers. It is one thing to keep on one's toes but quite another to be terrified of slipping back in the performance tables and be tempted to go for the highly speculative situations in order to stay ahead. Many of the more speculative shares, which show spectacular gains in a rising market, take the hardest knocks on the way down and suffer from the worst marketability.

Anyone who bases his judgment on performance tables runs a number of risks. Arbitrary periods—calendar years, for example—can be extremely misleading. But perhaps the worst danger is in not comparing like with like. It is clearly quite wrong to compare the capital growth achieved by a growth fund with that of an income fund; the two were never intended to compete and cater for the needs of two sets of circumstances.

It is equally wrong to compare a specialist fund with a general fund. The specialist funds experience periods of exciting growth, but these are often followed by sharp reactions as fashions change. Thus success or failure with such investments will depend on which periods are involved. It is easy enough to demonstrate the superior performance of such funds merely by choosing the best period. It is equally simple to show the trust's worst side. The general fund, on the other hand, is likely to be less volatile and will have a performance roughly in line with the general movements of the market as a whole.

A lot of the funds putting up the best showing at present are those based on overseas markets—such as North America and Japan. Clearly these are specialist funds, offering investors something a little out of the ordinary. Investors should know what they are buying and should realise that these trusts will outpace the U.K. market at times and will underperform at other times. If you really want to see how clever the managers are the trust in question should be compared to the local index—that is, the Dow Jones for North America.

CONTINUED ON PAGE VII



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FUND MANAGEMENT VI

INDEPENDENT PORTFOLIOS

Close links with the client

A PROBLEM which faces many prospective investors is that they are apprehensive of allowing their hard-earned savings to be swallowed up in some faceless fund. Their main concern is often that they will be losing all contact and control over their capital and will have no say just where, and when, the money will be invested. For this type of investor there are three traditional avenues which he is likely to consider. These are the portfolio management services which are offered generally by the clearing banks, the merchant banks and stockbrokers.

There are still several reasons, though, why a particularly cautious investor could be reluctant to sign his funds over to any of these. He could find for instance that both merchant banks and clearing banks are rather too impersonal for his tastes. It is also quite possible that with large organisations such as these an investor could find several different investment managers handling his portfolio over a number of years.

When the latter is the case

it will probably be very difficult for an investor to develop as close a relationship as he would like with the person looking after his money. Moreover, the small investor is likely to find that many merchant banks set their minimum portfolio level far too high for his individual level of wealth.

With a stockbroker, the fears, no matter how unjustified, might stem from the fact that brokers are concerned not only with private clients but also, and often in a very large way, with institutions. It would seem reasonable to assume therefore that an investment manager who is successful at managing individual portfolios is likely to be lured eventually by the institutional business. This again would prevent the investor from developing a close enough relationship.

There is, however, another alternative to these traditional services. Independent investment management firms have been developing rapidly over the past few years. In most cases these firms are fairly small, and handle only a limited number of portfolios. This enables the

investment managers to form very close links with clients who might be considered too small to merit a close relationship with a manager from one of the other types of organisation. With this type of service an investor can be certain of maintaining fairly close contact with his capital. Most of these independent firms prefer to operate on a full discretion basis which means that the investment policy of the portfolio is left entirely to the judgment of the appointed manager. However, it is the proud boast of most independent investment managers that they are nothing if not flexible.

Reports

The close relationship between clients and investment managers is normally maintained by means of twice yearly progress reports. The reports will contain independent third party valuations of the portfolio at that date. The investment manager usually likes to meet his client whenever possible in order to discuss any changes in his financial position so that the portfolio's invest-

ment policy can be amended to afford him the greatest benefit. It is possible for a client to obtain progress reports more frequently than twice a year, though in the case of portfolios with a value of say less than £100,000 this may incur an extra valuation charge.

The size of the portfolios handled by the independent managers varies quite widely but they probably average out around the £50,000 mark. Few of the independents actually admit to a minimum portfolio value which they are prepared to handle, but often the fees are calculated in such a way as to make the preferred minimum quite clear.

Again, the preferred or actually stipulated minimums vary widely. In a recent survey conducted by the magazine *Planned Savings* the minimums ranged between £2,000 and £50,000, with about £10,000 appearing to be the likely average. Very few of these firms have a maximum portfolio value, but it is unlikely that any independent portfolio ever top £250,000.

The flexibility of which the

independent managers are so proud also means that clients can expect different types of benefits from their investments. It is possible that some clients will require their investments to return them a steady income while others may wish to see quick capital profits. Thus, by taking account of these quite different needs the independent managers are able to attract clients from widely different walks of life.

Attracting new clients, though, has been perhaps the greatest problem for the independent manager. This is because a large number of prospective clients are worried about entrusting their money to a small organisation, which may have only come into existence recently and consequently has no real track record. Many people feel that banks, though rather impersonal, at least have established reputations.

The independent managers have recognised this problem, however, and are currently in the process of doing something about it. Seven of the leading firms currently operating this type of service have recently

formed the Association of Independent Investment Managers. This has not yet been officially launched but it is a legally constituted body of association have been drawn up by auditors Peat Marwick Mitchell and Company.

The main aim of this association is to "offer" greater protection to the clients of investment managers. It is to early yet to say exactly what rules and regulations will be introduced for the member, but it seems likely that on primary rule will be the insistence that all holdings of cash and securities should be placed in acknowledged safe hands, such as with a clearing bank. The Association is also likely to recommend that investment managers provide some insurance cover against any loss of their clients' funds, due to either negligence or dishonesty on the part of the manager or any of his employees. Moreover it is likely that spot checks will be carried out to ensure that the members are conducting their businesses in line with the Association's principles.

Members

The Association will be opening its arms to new members as from November 11 next. No all of the investment management firms will of course qualify for membership. In order to do so they need to be principally involved in the handling of private investment portfolios and be in a position to give advice and consultation to their clients on all investment matters. They must also be independent of any controlling body which would not qualify on its own merits, that is, an investment trust, a bank or an insurance company. The Association's committee, which has been formed from the seven founder members, reckons that after its launch next month it should acquire an initial membership of around 20. This, it is thought, will provide the Association with enough teeth for its regulations to carry some weight, though it is hoped that its membership will eventually reach a full potential of about 100.

Whether the Association's influence on the investment sector will ever reach the required levels, with either 20 or 35 members, of course remains to be seen. But it seems fairly certain that its existence will provide at least some extra comfort for the prospective investor. Now, when a client approaches a small and relatively unknown investment firm, he will if the firm is a member of the Association, no longer have to take the competence or integrity of the expert entirely on trust.

David Wright

Tom Kyte

THE BANKING SECTOR

More aggressive role

THE BANKING sector's ability to manage equity investment was in the past questioned to the point that other fund management groups viewed the competition with some degree of complacency. It was often pointed out that the merchant banks gave the impression that more time and the best managers were assigned to the large funds while the unit trusts and the smaller private portfolios were left to the second eleven. As for the clearing banks, it was generally thought that they lacked the experience to manage such funds and anyway their investment policy was by tradition very conservative.

But the banks, no doubt well aware of these criticisms, are

now taking a far more aggressive role in the field of fund management. No longer is fund management just another product in their range of financial services. The business is big and most of the merchant banks' investment management teams are keen to get across a certain air of independence from the main banking activities. The clearing banks have now moved into fund management in a big way and there is a definite about-turn in the way other fund management groups view the competition. The talk now is that the banks have an unfair advantage given their branch networks and "in house" promotion by the branch managers.

Hill Samuel is one of the merchant banks that has made its investment management team an entity separate from the bank, which is not surprising considering that the bank now manages funds of around £1,000m. But the bulk of this is taken up by pension funds to the tune of £500m, with £200m in insurance funds. In comparison the bank manages about £100m in units and £70,000 in private portfolios.

Minimum

Given this sort of mix it is small funds under the merchant banks' wing that have to take something of a back seat. While Hill Samuel agrees that there is some gap in management services between the small and big investor, it still offers one of the lowest minimum requirements for private portfolio management. The minimum figure is now set around £20,000 against the average of anything between £50,000 and £100,000. But the bulk of the smaller amounts are put into units, with the remainder in a few selective investments.

Hambros Bank generally looks for a minimum requirement for private portfolio management of around £100,000 but would in certain cases take on a smaller fund. In such cases the managers would carry out an in-depth study of the clients' various needs, and, if suitable, offer a funding package consisting of bonds, gilts and units. Management fees for private portfolios vary from one bank to another, with Hambros for example charging a flat 25 per cent per year up to £500,000 and thereafter scaled down, while at Hill Samuel there is a charge of 130 per year plus 22 per cent.

Hambros, no doubt realised that management expertise was not what it should be at the lower end of the scale, particularly on the unit trust side, when it acquired the Allied group back in 1969. Allied was not only one of the founders of the unit trust industry but one of the more successful.

That management team now heads up a group that has 20 funds with a total value of some £215m. Arbutnot Latham and Slater Walker are, two other banks that have made acquisitions of existing unit trust groups.

The clearing banks' move into the unit trust field is more recent than that of merchant banks, with Lloyds Bank starting the ball rolling back in 1966. Its first public offering brought in £21m without any hard sell through the branches. But the scope through the branches was enormous and Natwest (initially with the help of Hambros Bank) was another bank to exploit the situation. Following the entry of Barclays via Martins, Unicorn and more recently Midland Bank, following the takeover of Drayton, the clearing banks have become a driving force in the field of unit trust management.

Their position of strength has been enhanced by a better understanding of "in house" investment potential at branch level. Barclays has educated its managers in the merits of unit trusts. It would expect the manager to approach a client that has a very liquid position and point out to him the possibility of a better

investment. Furthermore, if a customer asks the manager for a suitable investment vehicle without any specifications then he would automatically be put into a "in house" trust.

Team

Apart from a far more extensive promotion campaign, the clearing banks have become more aware of the need to have a more flexible and experienced investment management team. Barclays has its own team of trust managers backed up by its own analysts which as a unit are able to give a competitive fund management service. As with some of the other clearing banks, Barclays also runs private portfolios on lines similar to those of the merchant banks. The charges here are more or less in line with the sector average with a fee of 25 per cent plus a minimum charge of £200. Because of the minimum charge it is no longer a viable proposition to handle private funds under £50,000, and as such Barclays has been offering the smaller funds the opportunity to switch into units where the management fees are cheaper. The investment policy of the clearing banks may still be on the conservative line with much caution on the performance front—the funds are cer-

tainly not high flyers—but there can be no doubting how successful they have been.

Barclays is by far the largest now, handling funds in the units to the tune of just under £250m, while both Lloyds and Natwest are around the £50m mark with the newcomer Midland just over £10m. Perhaps the best indication of the banks' success in this field is the growing number of protests from those like stockbrokers and insurance brokers, who claim that the banks are gaining a monopolistic control of financial advice.

This form of protest does seem to be a little unjust, for the type of management expertise that is to be found outside the banking sector will always find a market. The others should after all be in a position to offer a greater degree of specialisation and there will always be the investor who wants something extra. The banks for their part clearly have a role to play in it. It is a known fact that a large slice of the community looks to the bank managers first for advice on such matters as investment. And if they can give a satisfactory service then this must surely be in the best interest of the investing public.

David Wright

Tom Kyte

OFFSHORE FUNDS

Flourishing operation

Dynamism is a commodity vital to most forms of stock market investment and one that has been noticeably lacking from the world's stock markets for most of this year. All the major European bourses stand at or near their lows for the year: that goes too for Australia and the Far East generally, and even Wall Street is only marginally ahead of its January levels, having failed to penetrate decisively new high ground on innumerable occasions this year. So by rights the offshore fund industry, with its relatively high operating costs and subsequent dependence on attractive investment performance, could be expected to be keeping a fairly low profile. This is not the case.

Despite the poor performance of stock markets around the world—and with the global economy slowing down the world-wide bull market that people talked of optimistically earlier this year is now beginning to look uncomfortably ragged—the off-shore fund movement continues to flourish. Several new funds have been launched this year (18 has, in fact, been a relatively busy time for the Channel Islands) and it is equally clear that further new formations are currently waiting in the wings. The tendency has been towards greater specialisation, but Save and Prosper, for one, reports a steady demand for its more broadly based growth funds.

Originally the word "off-shore" was a term applied exclusively to mutual funds (unit trusts) established outside North America. But in more recent years it has come to be understood as unit trust type investment established in a tax haven primarily for residents or citizens of countries with high levels of taxation. In general, offshore funds now offer a far wider range of services: the list but matters like exchange control regulations and free access to a global investment also play a prominent part.

Where an offshore fund is based in one of the more classical or exotic tax havens—like the Bahamas, Bermuda or the Cayman Islands—funds may not be liable to capital gains tax so there is an obvious incentive for portfolios to be actively managed. Of course, residents of, say, the U.K. and the U.S. eventually have to pay their respective revenue bills when an offshore investment is cashed in, but in the intervening period the liability is postponed and gross returns help swell the overall performance of the fund. Over a period of years the rolled-up value of some offshore funds have (and can) proved a formidable attraction to investors. The tax lures extend just as invitingly into other areas.

Anyone emigrating from the U.K.—or going overseas to work for at least three years—would be liable to both a capital gains tax on assets sold prior to departure and to capital transfer tax on assets taken outside the country. But by turning such assets into cash and putting them into an offshore fund in a non-transferable tax haven the emigrant can avoid both liabilities, as well as any possible death duties.

With the intention of residing for up to three years outside the scheduled territories you may apply directly to the Bank of England for treatment as an immigrant for exchange control purposes (such a redesignation

does not involve a change of domicile or restriction of freedom to visit the U.K.).

On departure a family may transfer £5,000 of assets at the official parity rate, or up to £20,000 if the move is to part of the overseas sterling area. One may also take all household effects including a car and most life insurance policies. But any further assets over that amount face a restriction of four years, and if taken out of the country before that time limit would usually suffer the investment currency premium.

Emigration involves, of course, just one of the many exchange control problems that an investment in an offshore fund can help solve. But as an illustration it is fairly typical, and is the sort of snag that any actively managed career can easily run up against. Offshore funds are increasingly learning to smooth out such difficulties.

Categories

Roughly speaking, offshore fund investors tend to fall into four broad categories. The high taxpayer wishing to avoid some of his liability is the obvious starting point. Secondly, there are former residents of Europe and the U.S. who have retired to less tax-dominated parts of the world. Thirdly comes the employee of the international corporation with a high tax-exempt salary and a tendency to be shunted quickly from one part of the world to another. Finally there is the professional element. Offshore funds are often an ideal solution for the fund manager wishing to buy specialist skills. Institutions and trustees, notably in insurance fields, have made increasing use of offshore funds in recent years.

In the U.K. most of the major money management groups have offshore divisions. The banks are represented by Barclays, with names like Kleinwort Benson and Warburg showing the flag for the merchant bankers. Predictably the unit trusts are equally well represented.

The Tyndall group launched a new offshore fund (a gilt-edged fund based in the Channel Islands) as recently as February, while Save and Prosper has barely completed the initial offer of its latest fund, the Dollar Fixed Interest Fund. Save and Prosper, a commodities fund last November, the Tyndall gilt fund is primarily aimed at the investor within the Channel Islands and the Isle of Man, where its yield of 12.9 per cent is an obvious attraction.

Individuals investing directly into gilts can take any capital gains free of tax once the investment has been held for a year, but the Tyndall Fund is treated as a company and is liable to corporation tax. This tax is nominal in Jersey. The fund has attracted something like £12m to date; the minimum investment is £1,500.

Tyndall hopes to follow Save and Prosper's recent commodity lead with a similar fund of its own. Anyone contemplating an investment in physical commodities is of necessity forced offshore since authorised unit trusts in the U.K. are not allowed to tap this market. Save and Prosper's commodity fund, has pulled in close on £14m, barely a year with a £100,000 minimum investment. Its major stakes are in copper and rubber.

Jeffrey Brown

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FUND MANAGEMENT VII

FIXED INTEREST

Demand at peak levels

ABOUT four years now there has been a strong demand for fixed interest investment vehicles giving a return with some capital values. This was clearly in mind here, with the minimum investment set at £200, while a tax-free withdrawal system has attracted the higher tax payer. Yields on the high income funds range up to about 15 per cent, and while these are still attracting sizeable subscriptions it is clear that they are losing some of their competitive edge. True, there is a better prospect of capital growth if the portfolio has a large content of high yielding equities but to give a high starting yield there is a need to bolster the fund with preference shares. These of course are fixed income investments which have limited potential for capital growth unless there is a sharp downturn in interest rates. So the make-up of the high income portfolios is an important factor.

Income funds are the lifeblood of the unit industry with redemptions here fairly high, a situation similar to the early years when the guaranteed bond — until the Government closed the tax loophole — keeping the unit trust afloat. But these high income funds are facing stiff competition from other forms of interest investment. Gilts, for example, are now yielding up to 16 per cent, and the recent rise in rates of interest has sparked a number of funds specialising in high yielding equities. The drawback with these high income funds, and indeed

with most other fixed interest investments, is that they are fine when interest rates are fairly static or falling, since they have a good mix of income coupled with capital growth. In some funds in the past have even outperformed the growth funds. But when interest rates are rising, as they have recently, then substantial losses in capital values are seen.

Since the beginning of this month Arbutnot has seen the offer price of its high income fund fall from 31.6p to 29.3p while at Lawson the decline has been from 38.5p to 35.4p. In other words those investors who bought these units before October have been getting income at the expense of capital. In such cases it might seem appropriate to take a slightly lower yield where the capital downturn is that much less. After all it is no good getting a 15 per cent return on money if the capital base is being eroded at the rate of 10 per cent per month.

Naturally there are those investors who are prepared to take a high starting level of income at the risk of a short-term drop in capital values. What is more, if investors feel that the measures recently taken to get interest rates higher have now run their course, the income bonds could be worth an investment since they are after all historically high-yielding funds.

It will take a brave investor, though, to predict that interest

rates have peaked and the time is right once again for longer term investments. It is these unsettled conditions together with the volatile state of the equity market that has made flexibility of capital movements a must with no long-term commitment. This climate has made the one year local authority bonds a much wanted commodity.

Noticeable

Yields on yearling bonds are now around 14½ per cent, and at the same time money is only tied up for a period of a year. Such has been the level of demand for the bonds that last week's batch of local authority issues, totalling some £18½m, was oversubscribed more than three times. The discount houses are normally very active in this market but last week there was a noticeable upturn in the demand from private investors.

Since the rates on yearling bonds are adjusted on a weekly basis they have been quick to move in line with the sharp jumps in the MLR, whereas the traditional forms of risk-free income investments, such as the building societies, have reacted that much more slowly. This has further enhanced the competitive edge of the yearling bonds, since they are now yielding some two points more than the grossed-up rate of building societies. At the start of the year the differential was a half point in favour of the societies. Volatile markets, rising

interest rates and an inflation rate running apparently unchecked can clearly erode the advantages of a particular fund in a short space of time, so some form of a guarantee seems a long way. Such a vehicle providing a guarantee of maintained purchasing power is the National Savings index-linked issue. This scheme, which involves regular monthly payments, is linked to the Retail Price Index. At the end of the five-year payment plan the contribution would have been adjusted for the increase in the cost of living since the payment was made. There is also an option to leave the money in for another two years, when a bonus element would be included.

A vehicle such as the National Savings index-linked scheme is clearly ideal for the smaller investor in these unsettled times, while elsewhere the call of the day must surely be for flexibility. It is foolish to jump in and tie up capital when a new fund comes along that looks attractive, since—as pointed out—the terms can be quickly eroded, much as was the case with the guaranteed income bonds. Rates turned up so much that investors were prepared to take the surrender penalty to switch into more attractive bonds and this caused a number of life companies to crash, at the cost of those locked in. If an investor needs income then it would be advisable to spread the risk through a diversified portfolio.

David Wright

PERFORMANCE

CONTINUED FROM PAGE V

or the Tokio S.E. index in Japan etc. — and not the F.T. Industrial Ordinary or F.T. Actuaries All Share indices.

Having said that, the emphasis on pure growth has died down considerably. The investor, presumably because of the economic climate in the U.K. and the pressure on income, is becoming more interested in security and income. Many of the more recent funds launched on to the market have been those with high income objectives. The public's appetite for income was demonstrated by the popularity of the guaranteed income bonds. And all of the single premium bonds (lump sum unit-linked life assurance policies), whether based on property, equities, cash or a mixture, have an income facility to satisfy this growing requirement.

Benefits

The public is also more interested in the tax benefits incorporated in the various investments available. Currently popular are the schemes that generate the cash to pay for school fees. The security consciousness of the public can also be seen in the demand for cash bonds, which take advantage of the currently high interest rates, and in convertible bonds which are basically a vehicle to keep money on ice until better times return in the investment markets.

For the professional adviser performance is tremendously important and most groups keep leagues tables of their own in addition to those published by such magazines as *Planned Savings* and *Money Management* and *Unitholder*. The professional — whether running a unit trust, investment trust, pension fund, an insurance company, private portfolio, or whatever — has a mountain of statistics and information available to ease his task of achieving the best performance every office is equipped with the evergreen Exchange Telegraph cards which contain a mass of statistical and general information. But more sophisticated data, accompanied by persuasive arguments as to why a manager should buy, sell or hold a stock, is generated by the dozens of stockbrokers' research departments dotted around the City. The quality is variable: some is extremely useful, some finds its way into the fund managers' waste paper bins straight away.

Technical

Yet more information comes the professional's way from the chart firms which cater for those with a taste for technical analysis. Chart Analysis, for example, prepares charts on not only shares and fixed interest stocks, but also commodities and currencies.

Computers are coming more and more into play, following the lead set by Wall Street, where they have become a way of life. The capabilities of computers are particularly useful, and probably even indispensable, for those dealing in fixed interest stocks or in investment trusts where there is a requirement for a mass of daily up-dating calculations and adjustments. In such markets, it is those with the most up-to-date information who have the edge.

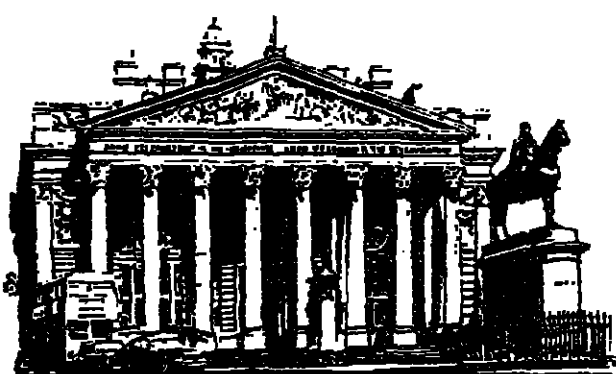
DataStream, the computerised financial information service which was formerly part of stockbrokers Hoare Govett is certainly the most sophisticated of the single premium bonds (lump sum unit-linked life assurance policies), whether based on property, equities, cash or a mixture, have an income facility to satisfy this growing requirement.

many, Holland and Hong Kong. It also stores information on whole economies.

The number of programs on the system has grown from under 200 in 1972 to over 800. The value of this instant information has not been lost on the financial community and the usage of the service has increased 12-fold over the past four years. And 10 per cent of the terminals are outside the U.K.

It seems this trend towards more and better statistics is likely to accelerate. Exchange Telegraph, for example, is now selling computer services and some foreign firms have set up in the City with information on overseas markets though mainly to service the foreign banks that have set up shop in London.

Keith Lewis



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MANAGED FUNDS

Attempt at all-weather package

AGED bonds, mixed funds, funds — call them what will — were devised by the life assurance companies to keep the single unit pot boiling and the investor happy. Before these appeared, the public had huge quantities of equity and, when fashion changed, even larger quantities of property bonds. It was a natural step to put various components together in a package — along the style of additional life fund, though marketing men would not — and offer the end result as an all-weather package.

In practice, however, things have turned out quite differently. The nimble footwork and the proposed shifts between the various investment media were simply not possible. As the funds grew so the problem mounted. It was not a practical exercise to switch millions of pounds of investors' money into the different compartments, particularly when the markets were shaky. As many people in the City know to their cost, property can lose its market-

ability very quickly — and its value. In forced sale situations the penalties are even worse.

In the stock markets of 1972-1973, especially in the later stages, shares were also lacking in marketability. Even the so-called blue chips were affected by this and some of the second-liners were unsaleable — certainly in any quantity.

The only real protection open to the managers was to build up liquidity, though not so much by selling assets in the fund as by not investing the new money coming in. But that too was a tactic that lost its potency, since as the funds grew the new money coming in represented a smaller percentage of total. And as investors became

thoroughly disillusioned and began to pull their cash out, such liquidity as existed was used to meet redemptions. The game has changed from the advertising stopped and the sales dwindled. In short, managed funds did not fulfil their promise.

From the investors' point of view what really counts at the end of the day is the performance. The Hambro Life Managed Fund, which now amounts to £148m., is as good an example as any. Since its formation during the early part of 1971 the units have averaged a growth rate of 5 per cent per annum after all charges. This is better than the average achieved by the Financial Times Actuaries All-Share index — a broadly-based index of the stock market — but of course is inferior to the performance of funds deposited with the building societies.

At present, the Hambro Managed Fund is invested 68 per cent in equity units — in which there is an underlying liquidity element of around 10 per cent — 26 per cent in property units and the remainder in deposits.

At Hambro's great rival, Abbey Life, a new Managed Fund was recently formed with considerably greater freedoms of investment than the old Selective Fund, created in the spring of 1971. The Selective, amounting to around £40m. and not now being promoted, has powers to invest only in units of the Abbey Property and Equity Fund units. The balance between the two has mostly been roughly 50:50 and at present is 56 per cent property; 44 per cent equity. The performance of that fund on average since inception has been 6.44 per cent, which again shows that depositors in a building society would have fared somewhat better.

Freedoms

The Abbey Managed Fund has been created mainly so that it can have greater freedoms: that is, it is not restricted to investment only in units. It can invest in shares direct, on its own account and in property — though for the latter the managers have so far only put money into the property fund. The total size of the fund is £24m.

The picture is not too different elsewhere, though of course there are minor variations. The Save and Prosper Managed Fund — currently valued at approximately £20m. — is split as to 40 per cent, apiece in equities and property, with the balance in cash or near cash.

But just as managed funds were a product of the times so new vehicles have come on to the investment scene. Income

bonds became the major successor and now there are such things as cash funds and convertible funds. The name of the game has changed from the pursuit of pure capital growth to income, or at least some sort of combination. Indeed, managed funds in most cases provide the investors with the facility of drawing a tax free income up to 5 per cent of the sum invested.

So what of managed funds now? It would seem that the concept at least remains sound and intact. Most of the funds, in addition to the income facility, do offer the investor the chance to switch into other bonds. But all the evidence suggests that policyholders have so far not taken advantage of this to any great extent.

Much of the inflow of cash into the managed funds is not so much from single premiums as from regular premium. In this way, the investor agrees to contribute a set amount each month and is not subject to the same risks of timing. If the market is on the crest of a wave the monthly payment (the premium) buys fewer units and at the bottom the same premium buys more units. This has the effect of smoothing out the peaks and troughs — an effect known as pound-cost averaging.

Niche

In its latest role of attracting regular premiums it could well be that the managed fund has found its true niche — that is, it is merely an alternative to the traditional with-profits endowment policy and was never in fact suited to the single premium market. Events have shown two things: that the managed fund is as susceptible to market swings as anything else; and that the people who were told, and accepted, that managed funds were an all-weather, all-purpose investment are prone to the same disillusionment as all investors under the impression that they stand to make a good profit from a position of security. An investment that fits that particular bill has yet to be devised.

In retrospect, the managed fund was produced at a very unfortunate time, in that both property and shares suffered very heavy falls in value after a sharp run-up. The average performances mentioned, disappointing as they are, present a reasonable picture. But investors who got their timing totally wrong are still nursing very heavy losses indeed on their managed funds.

However, the game is still continuing and for those who have not actually realised a loss and are still holders the position could still right itself given time.

Keith Lewis

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STOCK EXCHANGE REPORT

Equities manage modest technical rally in thin trading
Gilt-edged also a shade harder—Strength in Gold shares

Account Dealing Dates

"First Declared Last Account Dealings Dates—Day Nov. 11 Nov. 12 Nov. 23 Oct. 28 Oct. 29 Nov. 9 Nov. 10 Nov. 26 Dec. 7

Account Dealing Dates—Day Nov. 11 Nov. 12 Nov. 23 Oct. 28 Oct. 29 Nov. 9 Nov. 10 Nov. 26 Dec. 7

The mixed nature of the day's price changes in equities overall was illustrated by the 1:10 ratio of falls to rises in FT-quoted issues. Official markings were 5,000 against Wednesday's 4,818.

The FT-Actuaries three main indices improved marginally, the All-Share hardening 0.3 per cent.

To 116.67, but, partly reflecting Wednesday's late weakness, the Discount House sector mirrored the recent difficult conditions in money markets and dropped 7.9 per cent.

This helped to bring the Financial Group as a whole back up 0.3 per cent.

Despite sterling's renewed weakness, gilt-edged, which were sensitive to reports of further advice to the Government on the policies to adopt to cure our economic ills, finally showed net gains to 1, which took the Government Securities Index

off its 21-month low by 0.15 to 56.03.

South African Golds made progress for the fourth successive day, yesterday's jump of 951 to 8123 an ounce in the bullion price spurring a rise in the Gold Mines share index of 12.4 to 122.7 for a gain of nearly 35 per cent on the August 23 low by the year.

Gilts steadier

The performance of British Gilts was quite impressive. Quotations opened at the previous night's lower levels and, despite sterling's further troubles, recovered as fears began to recede of a fresh hike in Minimum Lending Rate to-day.

The market was still sensitive, of course, but a mid-day reaction proved to be short-lived and the short "tan" Treasury 11½ per cent, 1979, "A" closed ½ higher on the day at 92.3, after 82½, while most long and several medium were finally ½ harder, after having opened ½ down in the case of high-coupon issues.

The cut in a U.S. Prime rate to 9½ per cent made little impact.

Activity broadened in the investment currency market and, because of the continued weakness in sterling, the premium went higher still to 134½ per cent, for a fresh gain of 4½ points on the day.

Overseas 200p respectively. The factor was 0.7100 (0.7201).

Home Banks better

Home Banks gave an improved performance yesterday, helped by technical influences and renewed talk that the big clearers might soon increase their base lending rate by 2½ per cent.

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30p. Discounts remained friendly with sentiment still affected by the current dear money conditions and fears that interest rates might rise further: Union fell 10 more to 300p for a decline on the week so far of 47, while Seacombe

to 30p on the interim dividend announcement. BPF Industries

contrasted with a fall of 3 to 80p on further consideration of the

interim report. Benfield and

Loxley, currently involved in bid

talks, shed 2 to 20p, while other

dull spots included International

Paint, 10 cheaper at 240p.

ICI were finally ½ higher at

202p, after 204p, in Chemicals.

Mothercare rise

Stores edged higher in stock

trading. Mothercare rose 6 to

146p, while Marks and Spencer,

74p, and Combined English Stores,

respectively. Elsewhere,

"A" finished a penny better at

124p despite news that an experi-

mental agreement with Daimler,

Japan's second largest department

stores chain, had been terminated.

Bolton Textile held at 8p despite

the sharply reduced profits and

dividend omission. Freeman's

(London) continued a dull market

in Mail Orders, losing 3 more to

104p.

The electrical leaders made

most headway. BICC at 72p,

recouped 2½ of the previous day's

loss of 5, while GEC and EMI

closed 3 harder at 115p and 70p

respectively. Elsewhere,

Star, 70p, and "Royals" 210p, all

improved 2. Sun Alliance, how-

ever, receded 3 more to 200p and

losses of 4 were seen in Equity

and Law, 70p, London and Man-

chester, 68p, and Pearl, 134p.

Breweries edged forward in

places on very little business. Bid

hopes continued to spur Tolle-

mache and Cobbold, 135p, and

Burtonwood, 76p, up 5 and 4

respectively, while Border (Wrex-

ham) hardened 2 to 44p on the

interim results. Distillers issues

also fared better with Distillers

a penny dearer at 98½p.

Movements of note were few

and far between in Buildings. For

Walter Lawrence moved up 4 to

56p in response to the substan-

tially improved earnings, while

London Erick hardened a penny

to 104p.

The forecast of substantially

higher interim profits failed to

sustain Startrite, down 4 at 32p,

and McKechnie Brothers eased 1

to 48p, despite the good results.

Similarly, Green's Economisers

shed 1 to 51p after satisfactory

first-half figures.

Fears about the effects of high

interest rates on the company's

large borrowings brought fresh

selling pressure to bear on J.

Lane which receded to a 1976 low

of 25p before closing 2 cheaper

on balance at 31p. United Biscuit,

90p, and Alpine Soft Drinks, 55p,

lost 4 and 2 respectively. Tate

and Lyle contracted ½ to 12p,

put on 3 pence. Gasco's

"A" finished a penny better at

124p despite news that an experi-

mental agreement with Daimler,

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sustain Startrite, down 4 at 32p,

and McKechnie Brothers eased 1

to 48p, despite the good results.

Similarly, Green's Economisers

shed 1 to 51p after satisfactory

first-half figures.

Fears about the effects of high

interest rates on the company's

large borrowings brought fresh

selling pressure to bear on J.

Lane which receded to a 1976 low

of 25p before closing 2 cheaper

on balance at 31p. United Biscuit,

90p, and Alpine Soft Drinks, 55p,

lost 4 and 2 respectively. Tate

and Lyle contracted ½ to 12p,

put on 3 pence. Gasco's

"A" finished a penny better at

124p despite news that an experi-

mental agreement with Daimler,

Japan's second largest department

stores chain, had been terminated.

Bolton Textile held at 8p despite

the sharply reduced profits and

dividend omission. Freeman's

HEALEY & BAKER
SURVEYORS, VALUERS AND
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Established 1820 in London
29 St. George Street, Hanover Square,
London W1A 3BG 01-29322
CITY OF LONDON: 100 Broad Street, 100 Broad Street, 100 Broad Street
ASSOCIATION OF REAL ESTATE AGENTS

FT SHARE INFORMATION SERVICE

BRITISH FUNDS

"Shorts" (Lives up to Five Years)											
913	913	Treasury Dec 1970	99.4	10.56	1434						
914	914	Treasury Dec 1971	97.7	6.43	1435						
915	915	Electric Dec 74-77	96.9	1.10	1436						
916	916	Treasury Dec 1972	97.7	1.10	1437						
917	917	Treasury Dec 1973	95.9	3.22	1438						
918	918	Treasury Dec 1974	93.9	1.10	1439						
919	919	Treasury Dec 1975	93.9	1.10	1440						
920	920	Airtransport Dec 77-79	93.9	1.10	1441						
921	921	Treasury Dec 1976	94.9	1.10	1442						
922	922	Treasury Dec 1977	94.9	1.10	1443						
923	923	Wholesale Dec 78-80	89.9	5.58	1444						
924	924	Treasury Dec 1978	94.9	1.10	1445						
925	925	Treasury Dec 1979	94.9	1.10	1446						
926	926	Electric Dec 74-79	92.9	1.10	1447						
927	927	Treasury Dec 1980	94.9	1.10	1448						
928	928	Treasury Dec 1981	94.9	1.10	1449						
929	929	Treasury Dec 1982	94.9	1.10	1450						
930	930	Treasury Dec 1983	94.9	1.10	1451						
931	931	Treasury Dec 1984	94.9	1.10	1452						
932	932	Treasury Dec 1985	94.9	1.10	1453						
933	933	Treasury Dec 1986	94.9	1.10	1454						
934	934	Treasury Dec 1987	94.9	1.10	1455						
935	935	Treasury Dec 1988	94.9	1.10	1456						
936	936	Treasury Dec 1989	94.9	1.10	1457						
937	937	Treasury Dec 1990	94.9	1.10	1458						
938	938	Treasury Dec 1991	94.9	1.10	1459						
939	939	Treasury Dec 1992	94.9	1.10	1460						
940	940	Treasury Dec 1993	94.9	1.10	1461						
941	941	Treasury Dec 1994	94.9	1.10	1462						
942	942	Treasury Dec 1995	94.9	1.10	1463						
943	943	Treasury Dec 1996	94.9	1.10	1464						
944	944	Treasury Dec 1997	94.9	1.10	1465						
945	945	Treasury Dec 1998	94.9	1.10	1466						
946	946	Treasury Dec 1999	94.9	1.10	1467						
947	947	Treasury Dec 2000	94.9	1.10	1468						
948	948	Treasury Dec 2001	94.9	1.10	1469						
949	949	Treasury Dec 2002	94.9	1.10	1470						
950	950	Treasury Dec 2003	94.9	1.10	1471						
951	951	Treasury Dec 2004	94.9	1.10	1472						
952	952	Treasury Dec 2005	94.9	1.10	1473						
953	953	Treasury Dec 2006	94.9	1.10	1474						
954	954	Treasury Dec 2007	94.9	1.10	1475						
955	955	Treasury Dec 2008	94.9	1.10	1476						
956	956	Treasury Dec 2009	94.9	1.10	1477						
957	957	Treasury Dec 2010	94.9	1.10	1478						
958	958	Treasury Dec 2011	94.9	1.10	1479						
959	959	Treasury Dec 2012	94.9	1.10	1480						
960	960	Treasury Dec 2013	94.9	1.10	1481						
961	961	Treasury Dec 2014	94.9	1.10	1482						
962	962	Treasury Dec 2015	94.9	1.10	1483						
963	963	Treasury Dec 2016	94.9	1.10	1484						
964	964	Treasury Dec 2017	94.9	1.10	1485						
965	965	Treasury Dec 2018	94.9	1.10	1486						
966	966	Treasury Dec 2019	94.9	1.10	1487						
967	967	Treasury Dec 2020	94.9	1.10	1488						
968	968	Treasury Dec 2021	94.9	1.10	1489						
969	969	Treasury Dec 2022	94.9	1.10	1490						
970	970	Treasury Dec 2023	94.9	1.10	1491						
971	971	Treasury Dec 2024	94.9	1.10	1492						
972	972	Treasury Dec 2025	94.9	1.10	1493						
973	973	Treasury Dec 2026	94.9	1.10	1494						
974	974	Treasury Dec 2027	94.9	1.10	1495						
975	975	Treasury Dec 2028	94.9	1.10	1496						
976	976	Treasury Dec 2029	94.9	1.10	1497						
977	977	Treasury Dec 2030	94.9	1.10	1498						
978	978	Treasury Dec 2031	94.9	1.10	1499						
979	979	Treasury Dec 2032	94.9	1.10	1500						
980	980	Treasury Dec 2033	94.9	1.10	1501						
981	981	Treasury Dec 2034	94.9	1.10	1502						
982	982	Treasury Dec 2035	94.9	1.10	1503						
983	983	Treasury Dec 2036	94.9	1.10	1504						
984	984	Treasury Dec 2037	94.9	1.10	1505						
985	985	Treasury Dec 2038	94.9	1.10	1506						
986	986	Treasury Dec 2039	94.9	1.10	1507						
987	987	Treasury Dec 2040	94.9	1.10	1508						
988	988	Treasury Dec 2041	94.9	1.10	1509						
989	989	Treasury Dec 2042	94.9	1.10	1510						
990	990	Treasury Dec 2043	94.9	1.10	1511						
991	991	Treasury Dec 2044	94.9	1.10	1512						
992	992	Treasury Dec 2045	94.9	1.10	1513						
993	993	Treasury Dec 2046	94.9	1.10	1514						
994	994	Treasury Dec 2047	94.9	1.10	1515						
995	995	Treasury Dec 2048	94.9	1.10	1516						
996	996	Treasury Dec 2049	94.9	1.10	1517						
997	997	Treasury Dec 2050	94.9	1.10	1518						
998	998	Treasury Dec 2051	94.9	1.10	1519						
999	999	Treasury Dec 2052	94.9	1.10	1520						
1000	1000	Treasury Dec 2053	94.9	1.10	1521						
1001	1001	Treasury Dec 2054	94.9	1.10	1522						
1002	1002	Treasury Dec 2055	94.9	1.10	1523						
1003	1003	Treasury Dec 2056	94.9	1.10	1524						
1004	1004	Treasury Dec 2057	94.9	1.10	1525						
1005	1005	Treasury Dec 2058	94.9	1.10	1526						
1006	1006	Treasury Dec 2059	94.9	1.10	1527						
1007	1007	Treasury Dec 2060	94.9	1.10	1528						
1008	1008	Treasury Dec 2061	94.9	1.10	1529						
1009	1009	Treasury Dec 2062	94.9	1.10	1530						
1010	1010	Treasury Dec 2063	94.9	1.10	1531						
1011	1011	Treasury Dec 2064	94.9	1.10	1532						
1012	1012	Treasury Dec 2065	94.9	1.10	1533						
1013	1013	Treasury Dec 2066	94.9	1.10	1534						
1014	1014	Treasury Dec 2067	94.9	1.10	1535						
1015	1015	Treasury Dec 2068	94.9	1.10	1536						
1016	1016	Treasury Dec 2069	94.9	1.10	1537						
1017	1017	Treasury Dec 2070	94.9	1.10	1538						
1018	1018	Treasury Dec 2071	94.9	1.10	1539						
1019	1019	Treasury Dec 2072	94.9	1.10	1540						
1020	1020	Treasury Dec 2073	94.9	1.10	1541						
1021	1021	Treasury Dec 2074	94.9	1.10	1542						
1022	1022	Treasury Dec 2075	94.9	1.10	1543						
1023	1023	Treasury Dec 2076	94.9	1.10	1544						
1024	1024	Treasury Dec 2077	94.9	1.10	1545						
1025	1025	Treasury Dec 2078	94.9	1.10	1546						
1026	1026	Treasury Dec 2079	94.9	1.10	1547						
1027	1027	Treasury Dec 2080	94.9	1.10	1548						
1028	1028	Treasury Dec 2081	94.9	1.10	1549						
1029	1029	Treasury Dec 2082	94.9	1.10	1550						
1030	1030	Treasury Dec 2083	94.9	1.10	1551						
1031	1031	Treasury Dec 2084	94.9	1.10	1552						
1032	1032	Treasury Dec 2085	94.9	1.10	1553						
1033	1033	Treasury Dec 2086	94.9	1.10	1554						
1034	1034	Treasury Dec 2087	94.9	1.10	1555						
1035	1035	Treasury Dec 2088	94.9	1.10	1556						
1036	1036	Treasury Dec 2089	94.9	1.10	1557						
1037	1037	Treasury Dec 2090	94.9	1.10	1558						
1038	1038	Treasury Dec 2091	94.9	1.10	1559						
1039	1039	Treasury Dec 2092	94.9	1.10	1560						
1040	1040	Treasury Dec 2093	94.9	1.10	1561						
1041	1041	Treasury Dec 2094	94.9	1.10	1562						
1042	1042	Treasury Dec 2095	94.9	1.10	1563						
1043	1043	Treasury Dec 2096	94.9	1.10	1564						
1044	1044	Treasury Dec 2097	94.9	1.10	1565						
1045	1045	Treasury Dec 2098	94.9	1.10	1566						
1046	1046	Treasury Dec 2099	94.9	1.10	1567						
1047	1047	Treasury Dec 2100	94.9	1.10	1568						
1048	1048	Treasury Dec 2101	94.9	1.10	1569						
1049	1049	Treasury Dec 2102	94.9	1.10	1570						
1050	1050	Treasury Dec 2103	94.9	1.10	1571						
1051	1051	Treasury Dec 2104	94.9	1.10	1572						
1052	1052	Treasury Dec 2105	94.9	1.10	1573						
1053	1053	Treasury Dec 2106	94.9	1.10	1574						
1054	1054	Treasury Dec 2107	94.9	1.10	1575						
1055	1055	Treasury Dec 2108	94.9	1.10	1576						
1056	1056	Treasury Dec 2109	94.9	1.10	1577						
1057	1057	Treasury Dec 2110	94.9	1.10	1578						
1058	1058	Treasury Dec 2111	94.9	1.10	1579						
1059	1059	Treasury Dec 2112	94.9	1.10	1580						
1060	1060	Treasury Dec 2113	94.9	1.10	1581						
1061	1061	Treasury Dec 2114	94.9	1.10	1582						
1062	1062	Treasury Dec 2115	94.9	1.10	1583						
1063	1063	Treasury Dec 2116	94.9	1.10	1584						
1064	1064	Treasury Dec 2117	94.9	1.10	1585						
1065	1065	Treasury Dec 2118	94.9	1.10	1586						
1066	1066	Treasury Dec 2119	94.9	1.10	1587						
1067	1067	Treasury Dec 2120	94.9	1.10	1588						
1068	1068	Treasury Dec 2121	94.9	1.10	1589						
1069	1069	Treasury Dec 2122	94.9	1.10	1590						
1070	1070	Treasury Dec 2123	94.9	1.10	1591						
1071	1071	Treasury Dec 2124	94.9	1.10	1592						
1072	1072	Treasury Dec 2125	94.9	1.10	1593						
1073	1073	Treasury Dec 2126	94.9	1.10	1594						
1074	1074	Treasury Dec 2127	94.9	1.10	1595						
1075	1075	Treasury Dec 2128	94.9	1.10	1596						
1076	1076	Treasury Dec 2129	94.9	1.10	1597						
1077	1077	Treasury Dec 2130	94.9	1.10	1598						
1078	1078	Treasury Dec 2131	94.9	1.10	1599						
1079	1079	Treasury Dec 2132	94.9	1.10	1600						
1080	1080	Treasury Dec 2133	94.9	1.10	1601						
1081	1081	Treasury Dec 2134	94.9	1.10	1602						
1082	1082	Treasury Dec 2135	94.9	1.10	1603						
1083	1083	Treasury Dec 2136	94.9	1.10	1604						
1084	1084	Treasury Dec 2137	94.9	1.10	1605						
1085	1085	Treasury Dec 2138	94.9	1.10	1606						
1086	1086	Treasury Dec 2139	94.9	1.10	1607						
1087	1087	Treasury Dec 2140	94.9	1.10	1608						
1088	1088	Treasury Dec 2141	94.9	1.10	1609						
1089	1089	Treasury Dec 2142	94.9	1.10	1610						
1090	1090	Treasury Dec 2143	94.9	1.10	1611						
1091	1091	Treasury Dec 2144	94.9	1.10	1612						
1092	1092	Treasury Dec 2145	94.9	1.10	1613						
1093	1093	Treasury Dec 2146	94.9	1.10	1614						
1094	1094	Treasury Dec 2147	94.9	1.10	1615						
1095	1095	Treasury Dec 2148	94.9	1.10	1616						
1096	1096	Treasury Dec 2149	94.9	1.10	1617						
1097	1097	Treasury Dec 2150	94.9	1.10	1618						
1098	1098	Treasury Dec 2151	94.9	1.10	1619						
1099	1099	Treasury Dec 2152	94.9	1.10	1620						
1100	1100	Treasury Dec 2153	94.9	1.10	1621						
1101	1101	Treasury Dec 2154	94.9	1.10	1622						
1102	1102	Treasury Dec 2155	94.9	1.10	1623						
1103	1103	Treasury Dec 2156	94.9	1.10	1624						
1104	1104	Treasury Dec 2157	94.9	1.10	1625						
1105	1105	Treasury Dec 2158	94.9	1.10	1626						
1106	1106	Treasury Dec 2159	94.9	1.10	1627						
1107	1107	Treasury Dec 2160	94.9	1.10	1628						
1108	1108	Treasury Dec 2161	94.9	1.10	1629						
1109	1109	Treasury Dec 2162	94.9	1.10	1630						
1110	1110	Treasury Dec 2163	94.9	1.10	1631						
1111	1111	Treasury Dec 2164	94.9	1.10	1632						
1112	1112	Treasury Dec 2165	9								

INDUSTRIALS—Continued

[illegible]

